

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTANXR1625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

| | | | |
|------|----|--------|---|
| NEWS | 1 | | Web Page for STN Seminar Schedule - N. America |
| NEWS | 2 | APR 04 | STN AnaVist, Version 1, to be discontinued |
| NEWS | 3 | APR 15 | WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats |
| NEWS | 4 | APR 28 | EMBASE Controlled Term thesaurus enhanced |
| NEWS | 5 | APR 28 | IMSRESEARCH reloaded with enhancements |
| NEWS | 6 | MAY 30 | INPAFAMDB now available on STN for patent family searching |
| NEWS | 7 | MAY 30 | DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option |
| NEWS | 8 | JUN 06 | EPFULL enhanced with 260,000 English abstracts |
| NEWS | 9 | JUN 06 | KOREAPAT updated with 41,000 documents |
| NEWS | 10 | JUN 13 | USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications |
| NEWS | 11 | JUN 19 | CAS REGISTRY includes selected substances from web-based collections |
| NEWS | 12 | JUN 25 | CA/CAPLUS and USPAT databases updated with IPC reclassification data |
| NEWS | 13 | JUN 30 | AEROSPACE enhanced with more than 1 million U.S. patent records |
| NEWS | 14 | JUN 30 | EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations |
| NEWS | 15 | JUN 30 | STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in |
| NEWS | 16 | JUN 30 | STN AnaVist enhanced with database content from EPFULL |
| NEWS | 17 | JUL 28 | CA/CAPLUS patent coverage enhanced |
| NEWS | 18 | JUL 28 | EPFULL enhanced with additional legal status information from the EPOline Register |
| NEWS | 19 | JUL 28 | IFICDB, IFIPAT, and IFIUDB reloaded with enhancements |
| NEWS | 20 | JUL 28 | STN Viewer performance improved |
| NEWS | 21 | AUG 01 | INPADOCDB and INPAFAMDB coverage enhanced |
| NEWS | 22 | AUG 13 | CA/CAPLUS enhanced with printed Chemical Abstracts page images from 1967-1998 |
| NEWS | 23 | AUG 15 | CAOLD to be discontinued on December 31, 2008 |
| NEWS | 24 | AUG 15 | CAPLUS currency for Korean patents enhanced |
| NEWS | 25 | AUG 25 | CA/CAPLUS, CASREACT, and IFI and USPAT databases enhanced for more flexible patent number searching |
| NEWS | 26 | AUG 27 | CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information |

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:40:20 ON 03 SEP 2008

| | | |
|----------------------|------------|---------|
| => file reg | | |
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 11:40:37 ON 03 SEP 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 SEP 2008 HIGHEST RN 1045894-64-1
DICTIONARY FILE UPDATES: 2 SEP 2008 HIGHEST RN 1045894-64-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

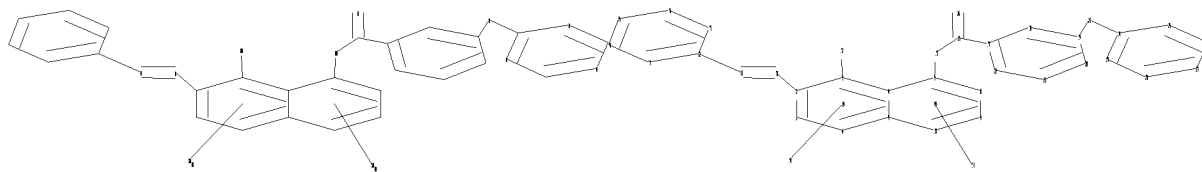
TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10585231.str



```

chain nodes :
11 12 13 14 15 16 23 30 31
ring nodes :
1 2 3 4 5 6 7 8 9 10 17 18 19 20 21 22 24 25 26 27 28 29 32
33 34 35 36 37
chain bonds :
2-30 3-12 7-11 11-15 15-16 15-17 19-23 23-24 30-31 31-32
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 17-18 17-22 18-19 19-20
20-21 21-22 24-25 24-29 25-26 26-27 27-28 28-29 32-33 32-37 33-34 34-35
35-36 36-37
exact/norm bonds :
2-30 3-12 7-11 11-15 15-16 19-23 23-24 30-31 31-32
exact bonds :
15-17
normalized bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 17-18 17-22 18-19 19-20
20-21 21-22 24-25 24-29 25-26 26-27 27-28 28-29 32-33 32-37 33-34 34-35
35-36 36-37
isolated ring systems :
containing 1 : 17 : 24 :

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:Atom 18:Atom
19:Atom 20:Atom 21:Atom 22:Atom 23:CLASS 24:Atom 25:Atom 26:Atom 27:Atom
28:Atom 29:Atom 30:CLASS 31:CLASS 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom
37:Atom 39:Atom 40:Atom

```

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s l1 full
FULL SEARCH INITIATED 11:41:05 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1100 TO ITERATE

100.0% PROCESSED 1100 ITERATIONS 153 ANSWERS
SEARCH TIME: 00.00.01

L2 153 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 178.36 178.57

FILE 'CAPLUS' ENTERED AT 11:41:13 ON 03 SEP 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 3 Sep 2008 VOL 149 ISS 10
FILE LAST UPDATED: 2 Sep 2008 (20080902/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

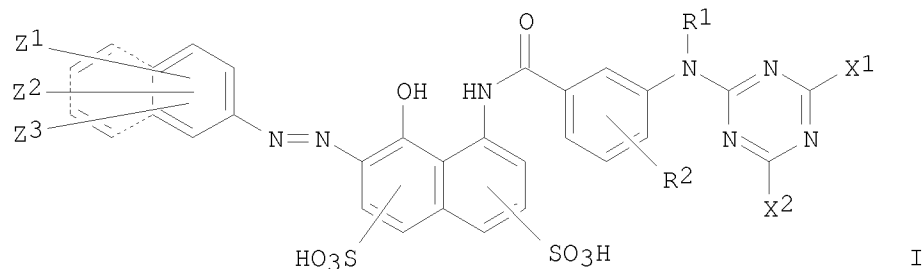
=> s l2 full
L3 12 L2

=> d ibib abs hitstr tot

L3 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:732716 CAPLUS
DOCUMENT NUMBER: 143:174705
TITLE: Acidic monoazo dyestuffs for printing recording materials, dyeing textiles and plastics
INVENTOR(S): Hasemann, Ludwig
PATENT ASSIGNEE(S): Clariant International Ltd., Switz.; Clariant Finance BVI Limited
SOURCE: PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|-------------------|------------------|------------|
| WO 2005073323 | A1 | 20050811 | WO 2004-IB4292 | 20041223 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| CN 1902284 | A | 20070124 | CN 2004-80039763 | 20041223 |
| BR 2004018325 | A | 20070502 | BR 2004-18325 | 20041223 |
| JP 2007518852 | T | 20070712 | JP 2006-546399 | 20041223 |
| EP 1704187 | A1 | 20060927 | EP 2004-821240 | 20041229 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS | | | | |
| US 20070151479 | A1 | 20070705 | US 2006-585231 | 20060630 |
| PRIORITY APPLN. INFO.: | | | EP 2004-57 | A 20040105 |
| | | | WO 2004-IB4292 | W 20041223 |
| OTHER SOURCE(S): | | MARPAT 143:174705 | | |
| GI | | | | |



AB Disclosed are novel dyestuff of the formula (I): wherein R1 is H, C1-4 alkyl, Ph; R2 is H, C1-4 alkyl, C1-4 alkoxy, COOH, COOCH3, CF3, SO3H, CN or SO2NHR6 (R6 is H, C1-4 alkyl, or Ph); X1 and X2 are NR3R4, SR5, or OH; Z1 is H, C1-4 alkyl, C1-4 alkoxy, OH, COOH, COOCH3, CF3, SO3H, amino, alkylamino, CN or SO2NHR'6 (R'6 is H, C1-4 alkyl, Ph); Z2 is H, C1-4 alkyl, C1-4 alkoxy, OH, COOH, SO3H; Z3 is C1-4 alkyl, C1-4 alkoxy, OH, COOH, SO3H as free acid or in salt form, as well as mixts. thereof. These

dyestuffs are useful for printing or dyeing substrates, especially textile fiber materials, paper and papery substrates and plastic films and plastic transparencies.

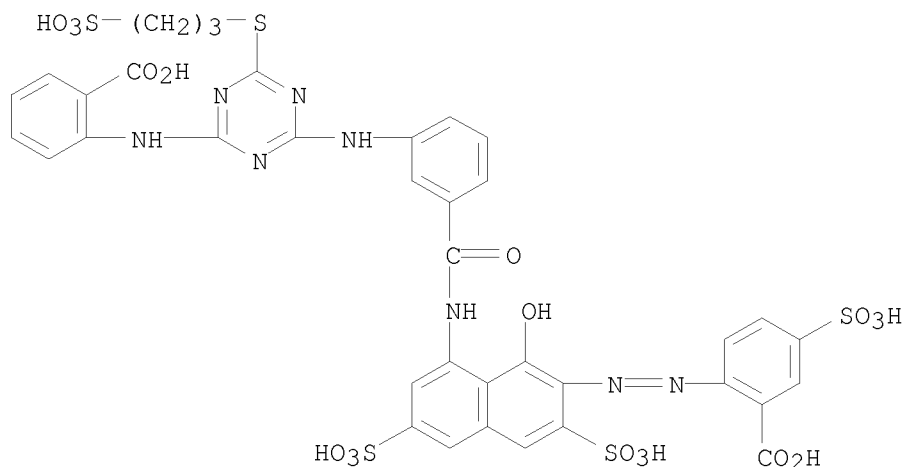
IT 861216-74-2P 861216-77-5P 861216-79-7P
861216-80-0P 861216-81-1P 861216-82-2P
861216-83-3P 861216-84-4P 861216-85-5P
861216-86-6P 861216-87-7P 861216-88-8P
861216-89-9P 861216-90-2P 861216-91-3P
861216-92-4P 861216-93-5P 861216-94-6P
861216-95-7P 861216-96-8P 861216-97-9P
861216-98-0P 861216-99-1P 861217-00-7P
861217-01-8P 861217-02-9P 861217-03-0P
861217-04-1P 861217-05-2P 861217-06-3P
861217-07-4P 861217-08-5P 861217-09-6P
861217-10-9P 861217-11-0P 861217-12-1P
861217-13-2P 861217-14-3P 861217-15-4P
861217-16-5P 861217-17-6P 861217-18-7P
861217-19-8P 861217-20-1P 861217-21-2P
861217-22-3P 861217-23-4P 861217-24-5P
861217-25-6P 861217-26-7P 861217-27-8P
861217-28-9P 861217-29-0P 861217-30-3P
861217-31-4P 861217-32-5P 861217-33-6P
861217-34-7P 861217-35-8P 861217-36-9P
861217-37-0P 861217-39-2P 861217-40-5P
861217-41-6P 861217-42-7P 861217-43-8P
861217-44-9P 861217-45-0P 861217-46-1P
861217-47-2P 861217-48-3P 861217-49-4P
861217-50-7P 861217-52-9P 861217-54-1P
861217-55-2P 861217-56-3P 861217-57-4P
861217-58-5P 861217-60-9P 861217-61-0P
861217-62-1P 861217-63-2P 861217-66-5P
861217-67-6P 861217-68-7P 861217-69-8P
861217-70-1P 861217-71-2P 861217-72-3P
861217-73-4P 861217-74-5P 861217-75-6P
861217-76-7P 861217-77-8P 861217-78-9P
861217-79-0P 861217-80-3P 861217-81-4P
861217-82-5P 861217-83-6P 861217-84-7P
861217-85-8P 861217-86-9P 861217-87-0P
861217-88-1P 861217-89-2P 861217-90-5P
861217-91-6P 861217-92-7P 861217-93-8P
861217-94-9P 861217-95-0P 861217-97-2P
861217-99-4P 861218-00-0P 861218-01-1P
861218-02-2P

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(dark red dye; preparation of acidic monoazo dyestuffs for ink-jet inks and dyeing textiles and plastics)

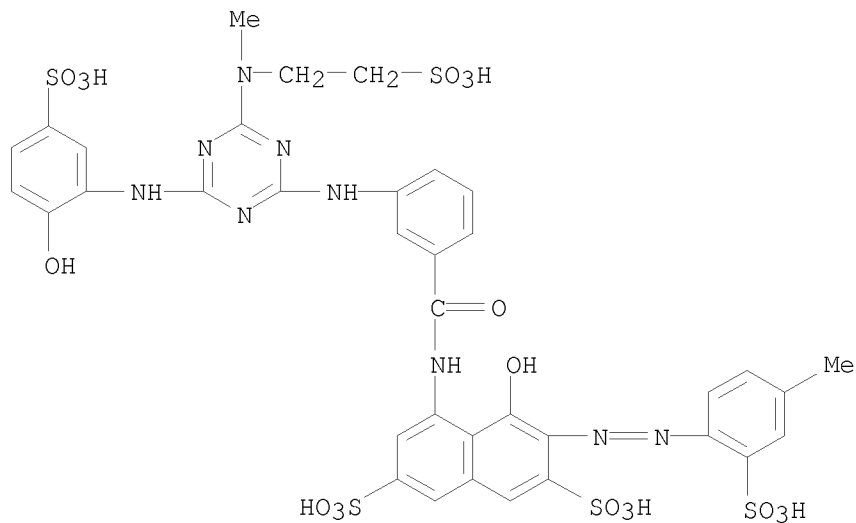
RN 861216-74-2 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



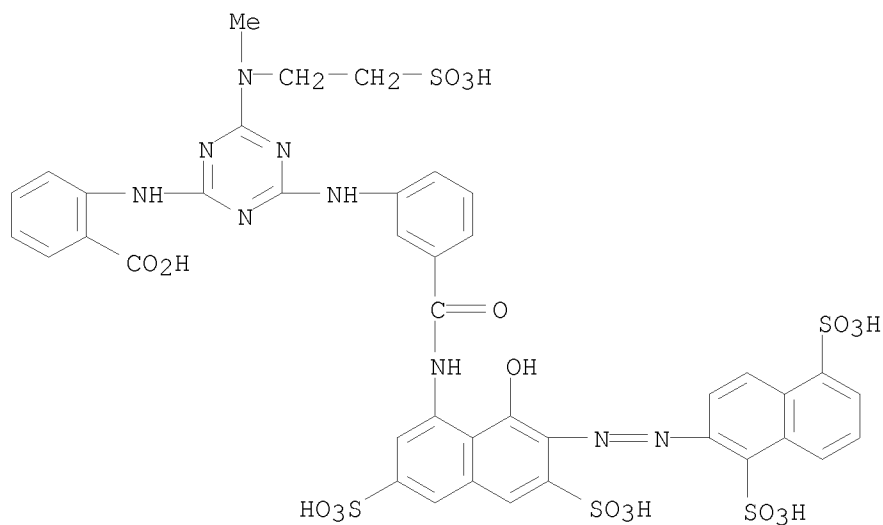
RN 861216-77-5 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4-hydroxy-5-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(4-methyl-2-sulfophenyl)diazenyl]- (CA INDEX NAME)



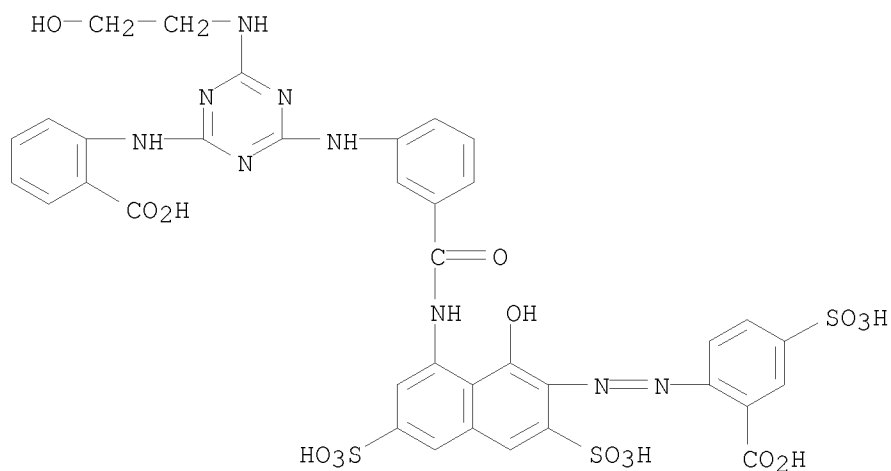
RN 861216-79-7 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[7-[2-(1,5-disulfo-2-naphthalenyl)diazenyl]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



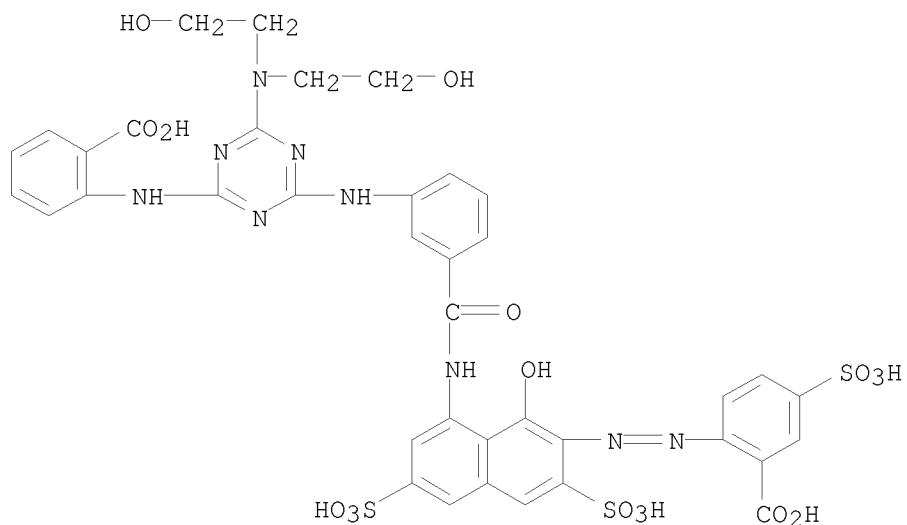
RN 861216-80-0 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



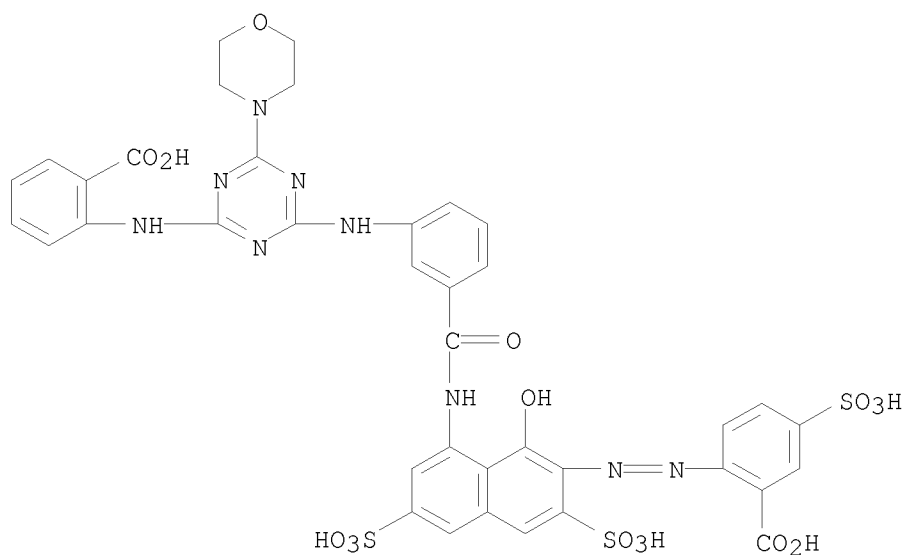
RN 861216-81-1 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[bis(2-hydroxyethyl)amino]-6-[(2-carboxyphenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



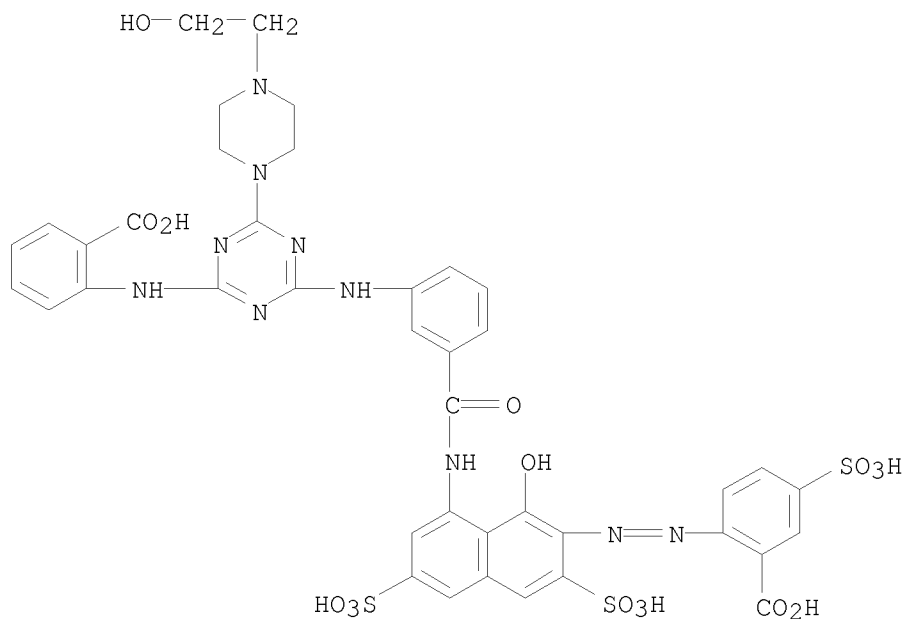
RN 861216-82-2 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



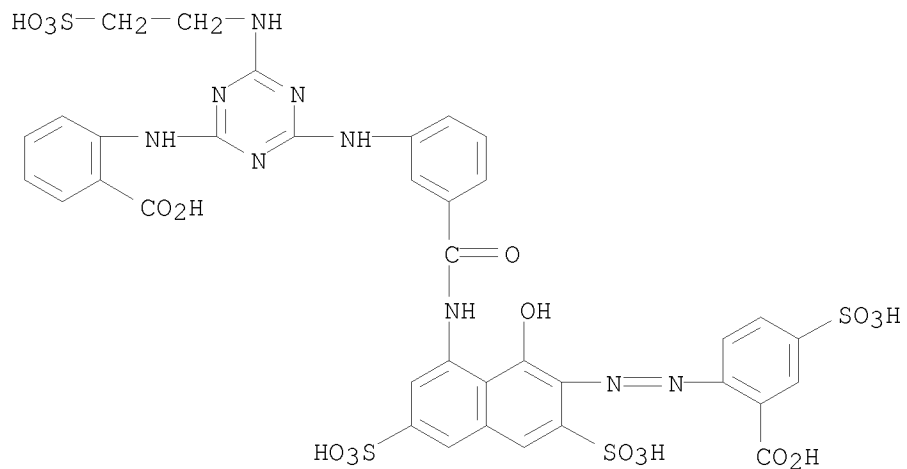
RN 861216-83-3 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[4-(2-hydroxyethyl)-1-piperazinyl]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



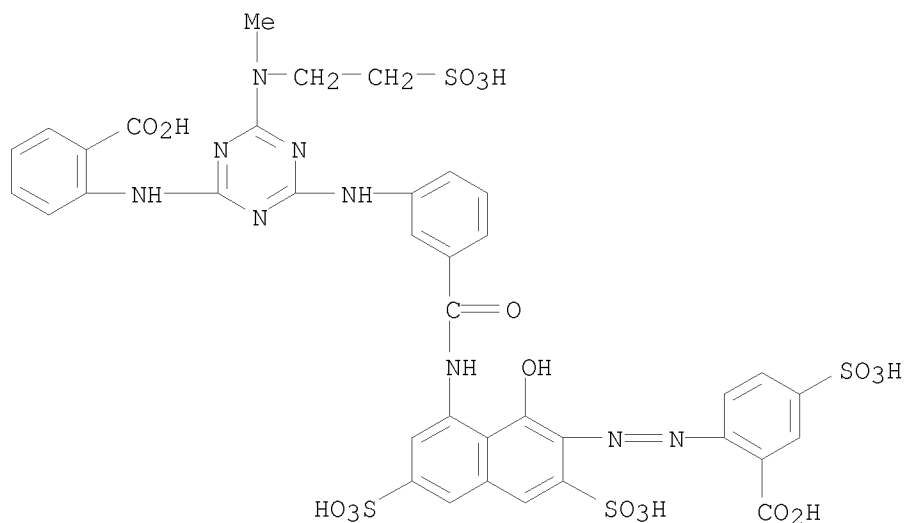
RN 861216-84-4 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



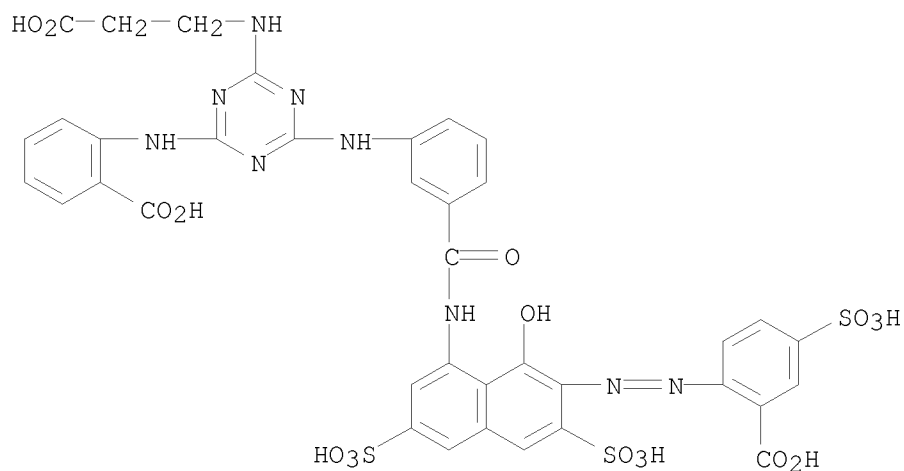
RN 861216-85-5 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



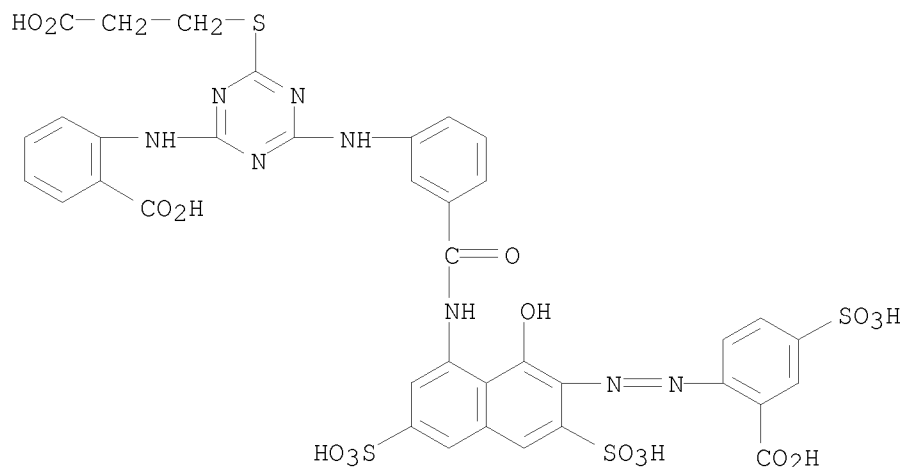
RN 861216-86-6 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)amino]-6-[(2-carboxyphenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



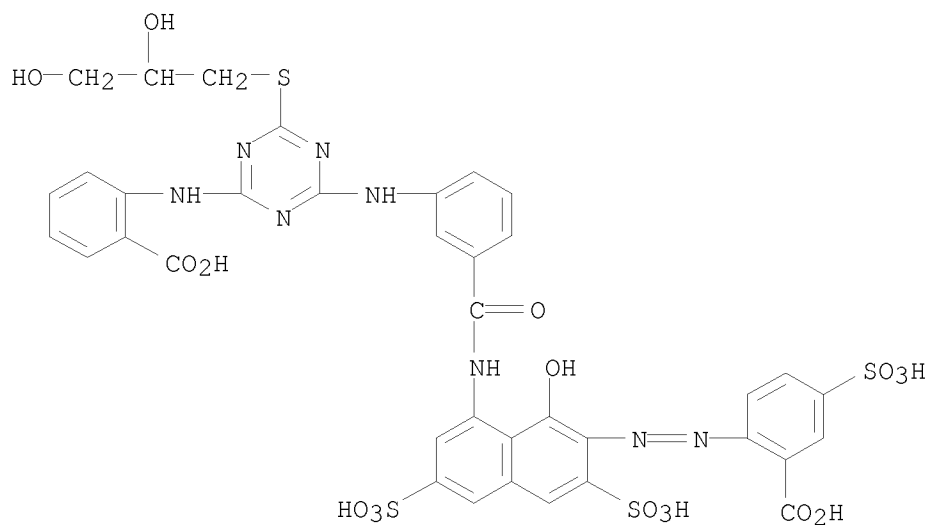
RN 861216-87-7 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)thio]-6-[(2-carboxyphenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



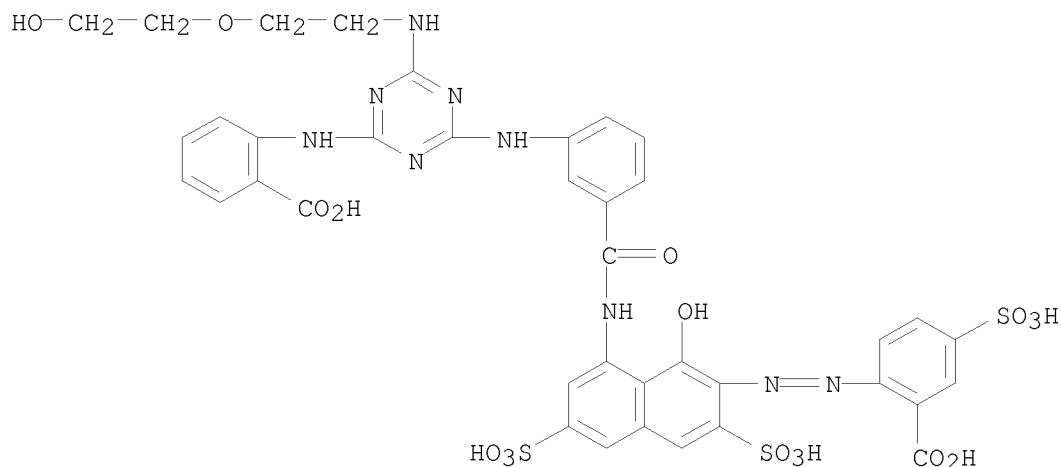
RN 861216-88-8 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(2,3-dihydroxypropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



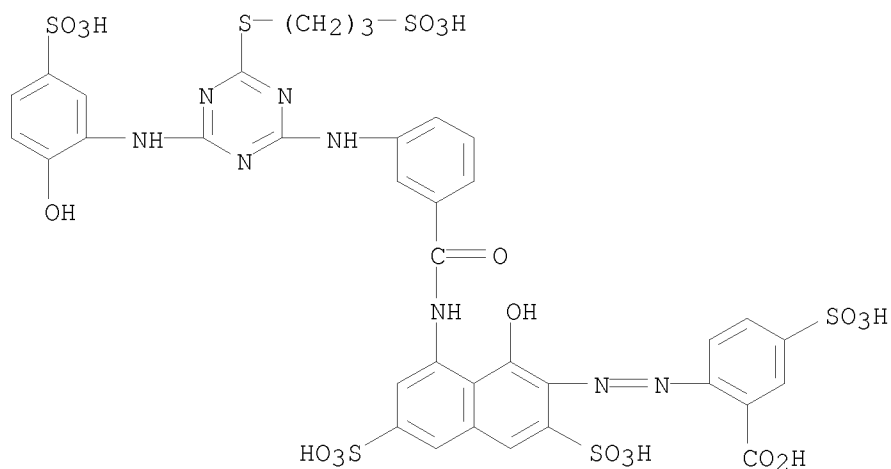
RN 861216-89-9 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[[2-(2-hydroxyethoxy)ethyl]amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



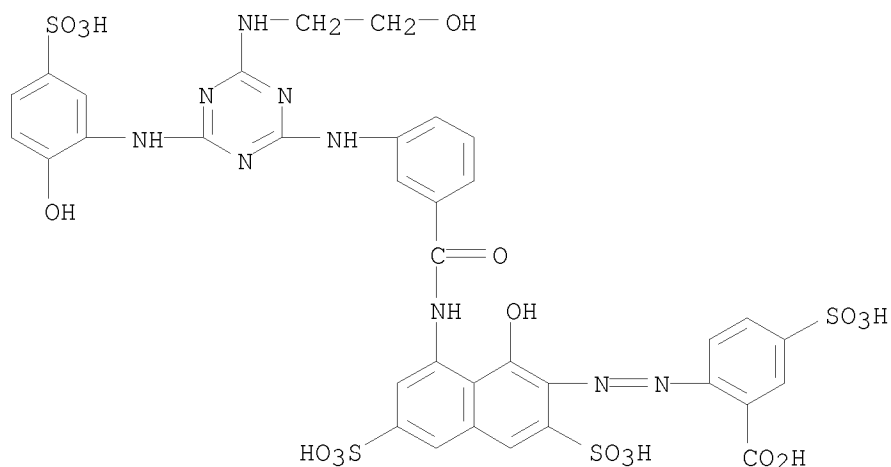
RN 861216-90-2 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfo-3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



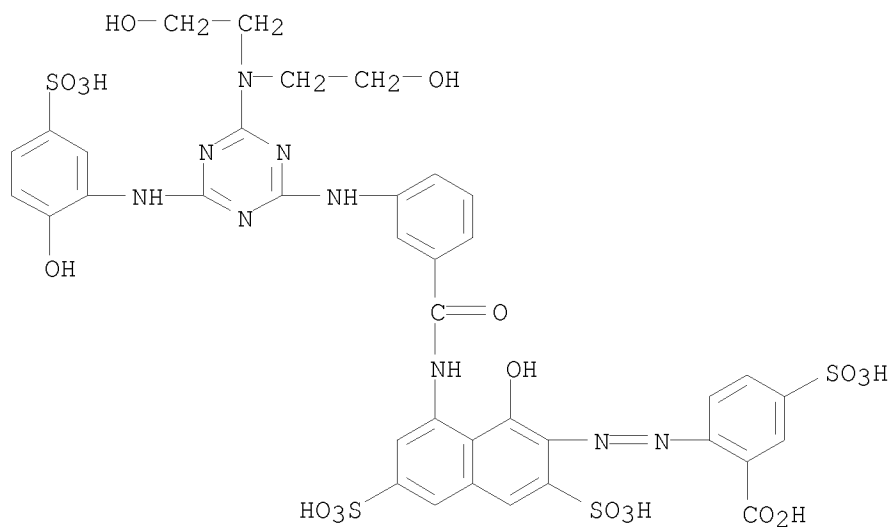
RN 861216-91-3 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxyethyl)amino]-6-[(2-hydroxy-5-sulfo-3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



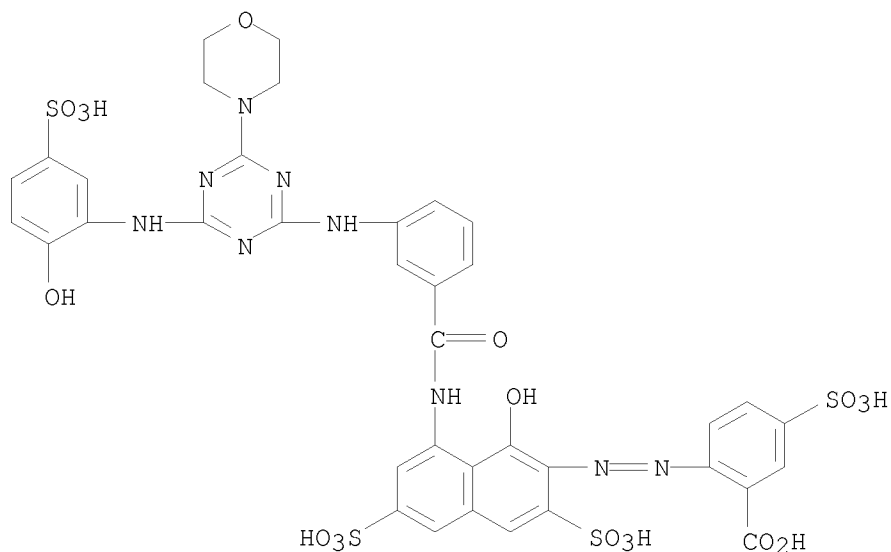
RN 861216-92-4 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[bis(2-hydroxyethyl)amino]-6-[(2-hydroxy-5-sulfo-phenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



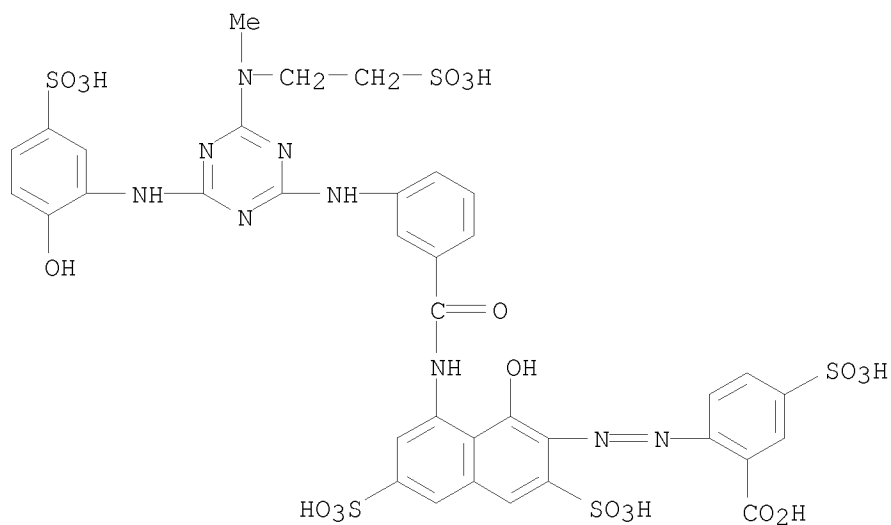
RN 861216-93-5 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfo-phenyl)amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



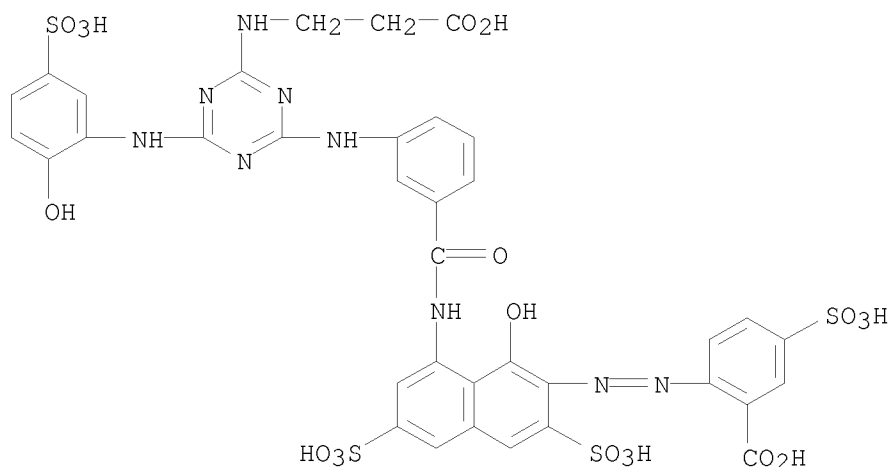
RN 861216-94-6 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



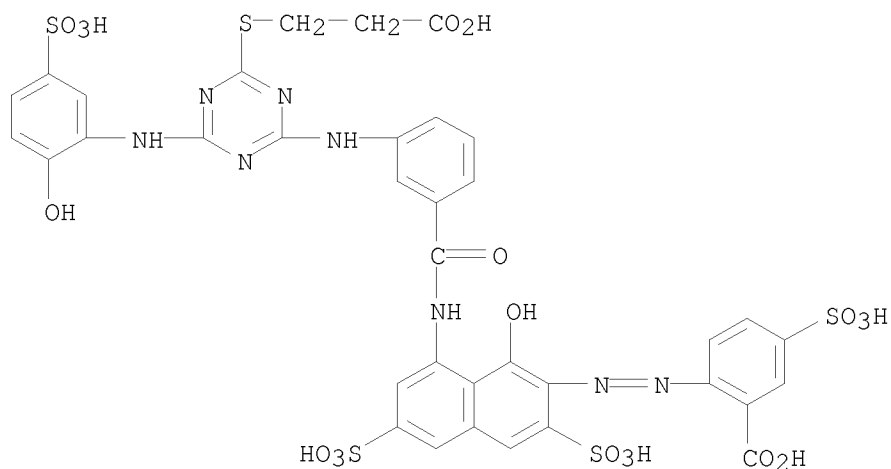
RN 861216-95-7 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)amino]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



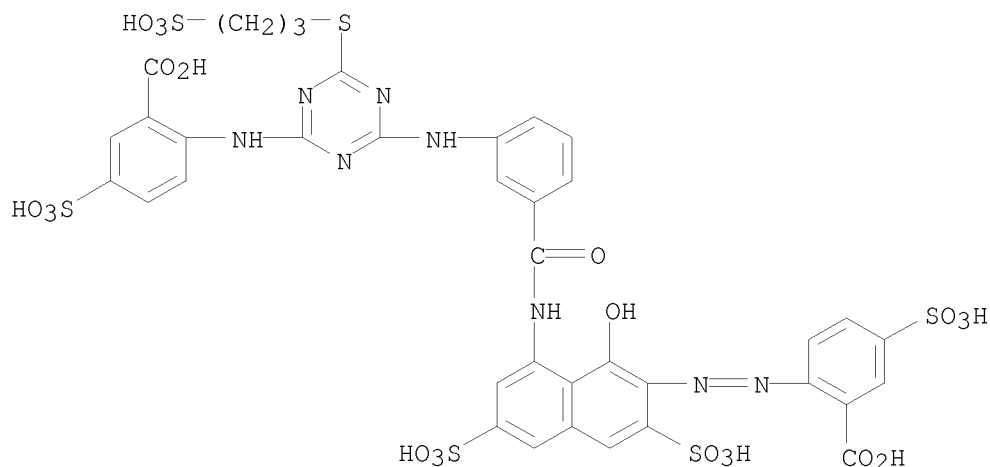
RN 861216-96-8 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)thio]-6-[(2-hydroxy-5-sulfo-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo-phenyl]amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



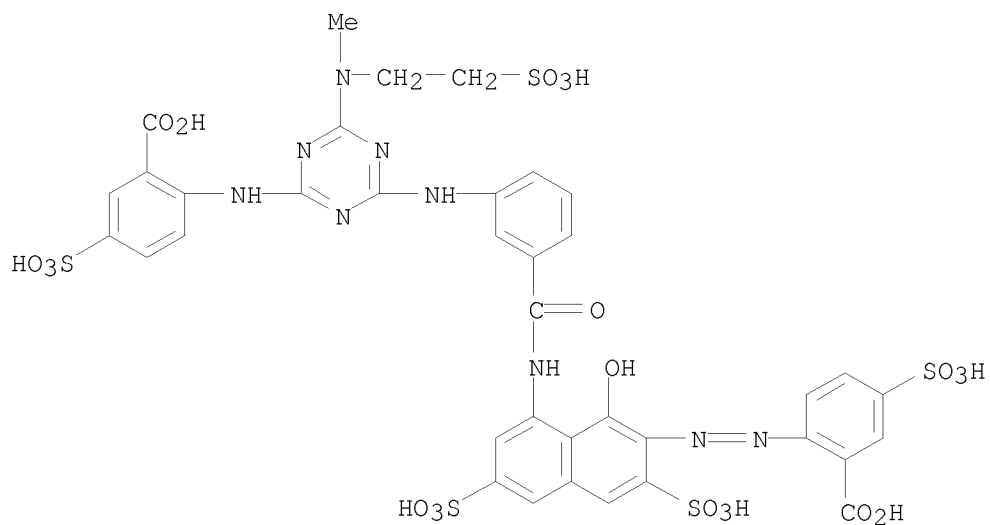
RN 861216-97-9 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxy-4-sulfo-phenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



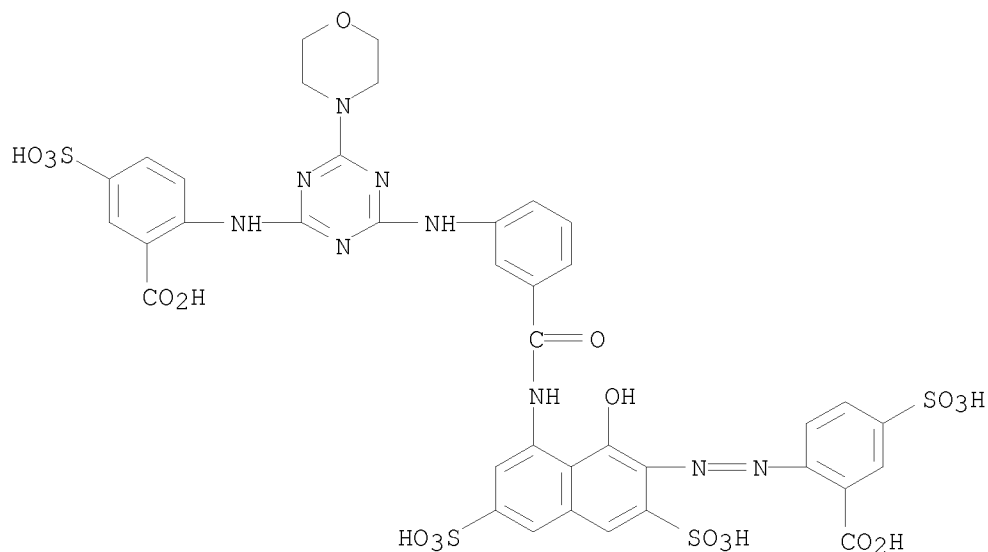
RN 861216-98-0 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxy-4-sulfophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



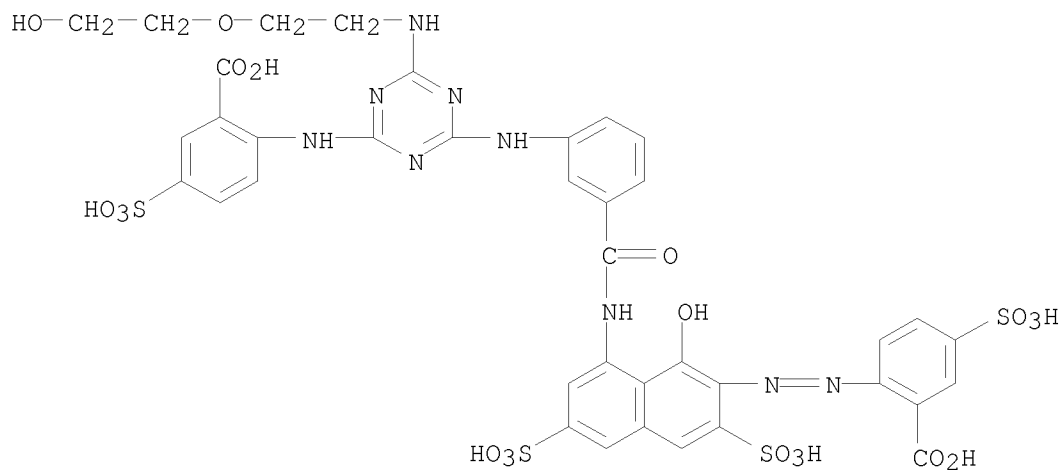
RN 861216-99-1 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxy-4-sulfophenyl)amino]-6-(4-morpholinyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



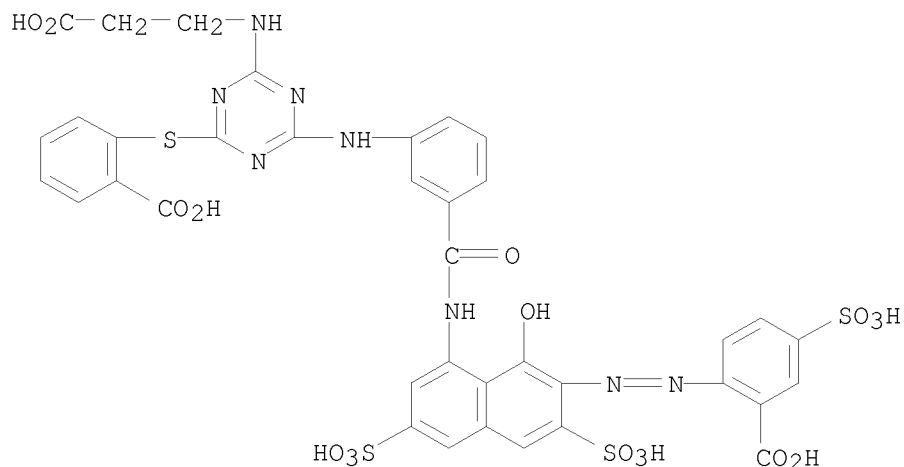
RN 861217-00-7 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxy-4-sulfo)phenyl]amino]-6-[[2-(2-hydroxyethoxy)ethyl]amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



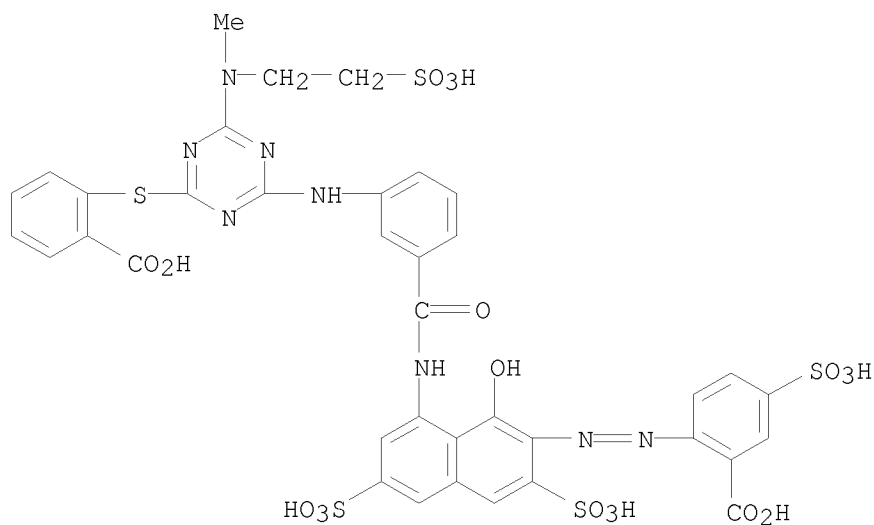
RN 861217-01-8 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)amino]-6-[(2-carboxyphenyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



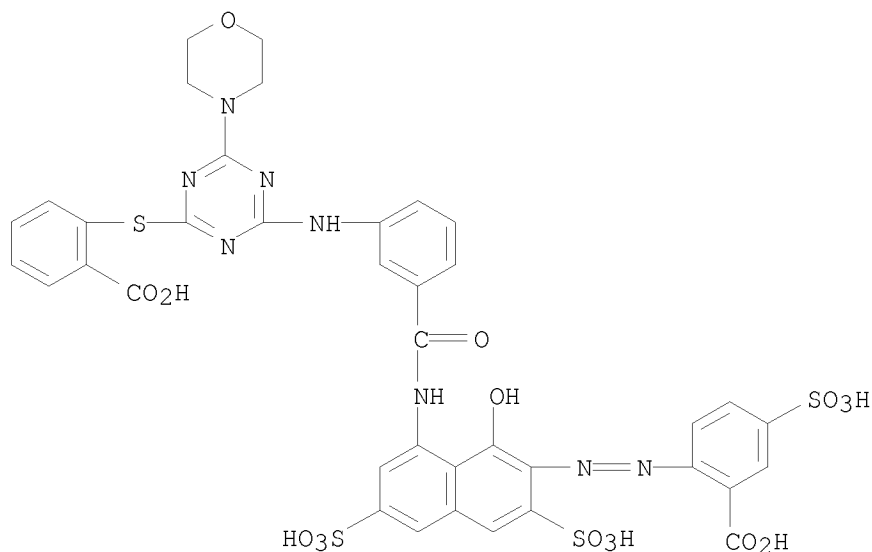
RN 861217-02-9 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)thio]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



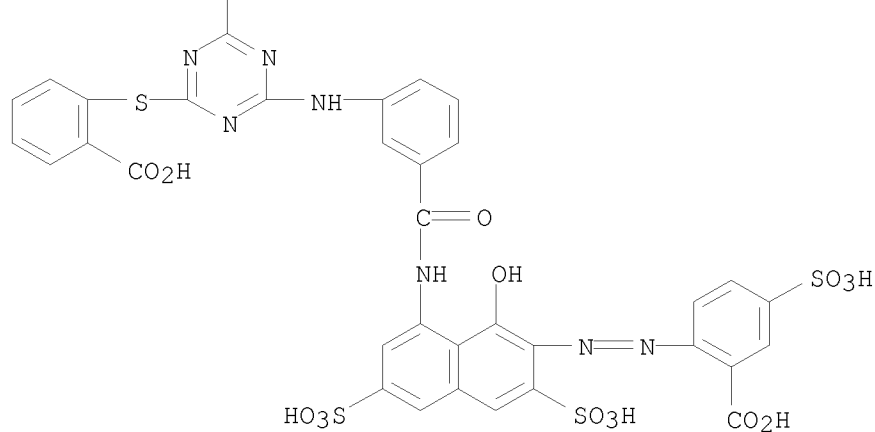
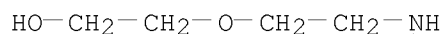
RN 861217-03-0 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)thio]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



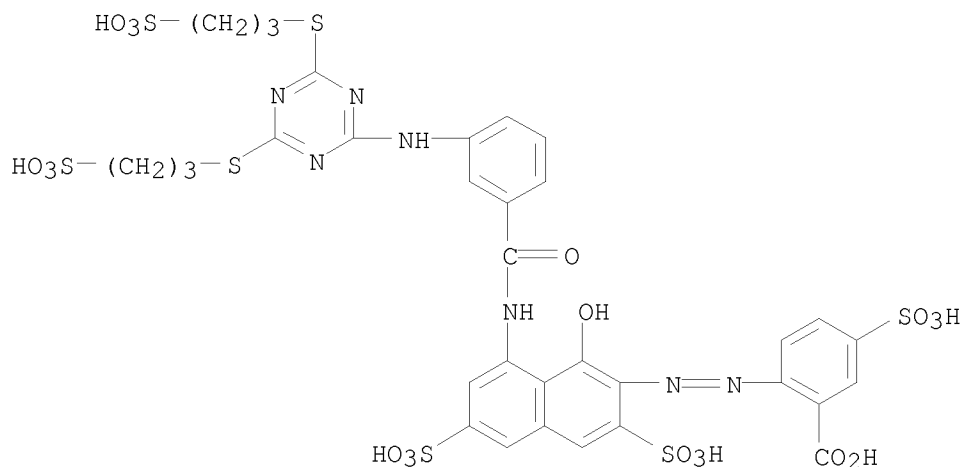
RN 861217-04-1 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)thio]-6-[[2-(2-hydroxyethoxy)ethyl]amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



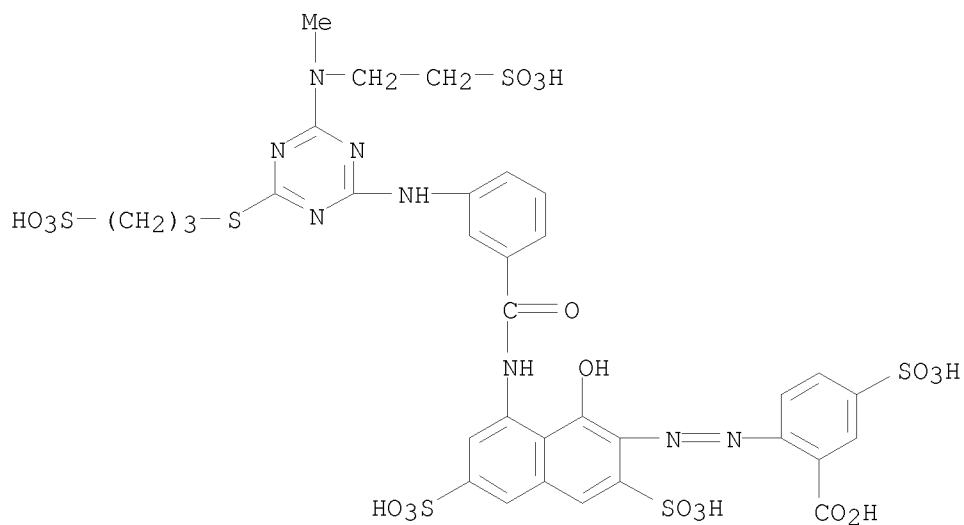
RN 861217-05-2 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4,6-bis[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



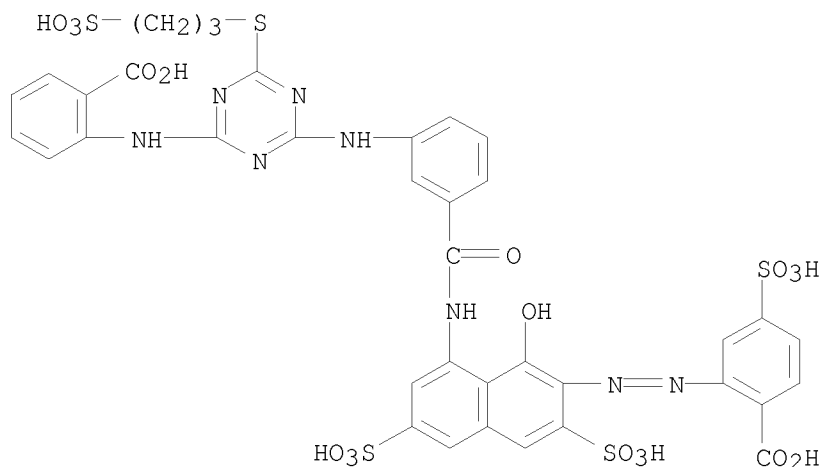
RN 861217-06-3 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[methyl(2-sulfoethyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



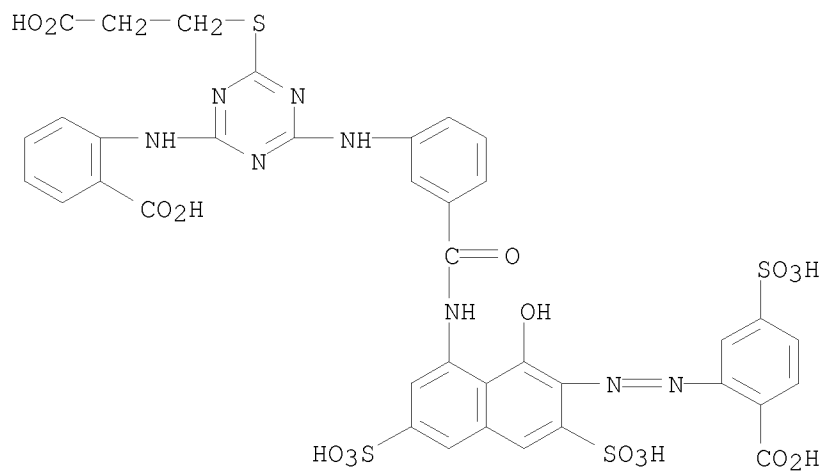
RN 861217-07-4 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



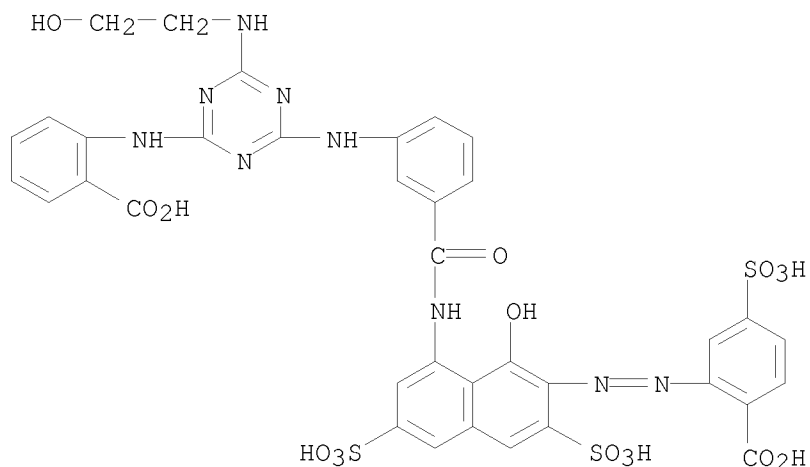
RN 861217-08-5 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)thio]-6-[(2-carboxyphenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



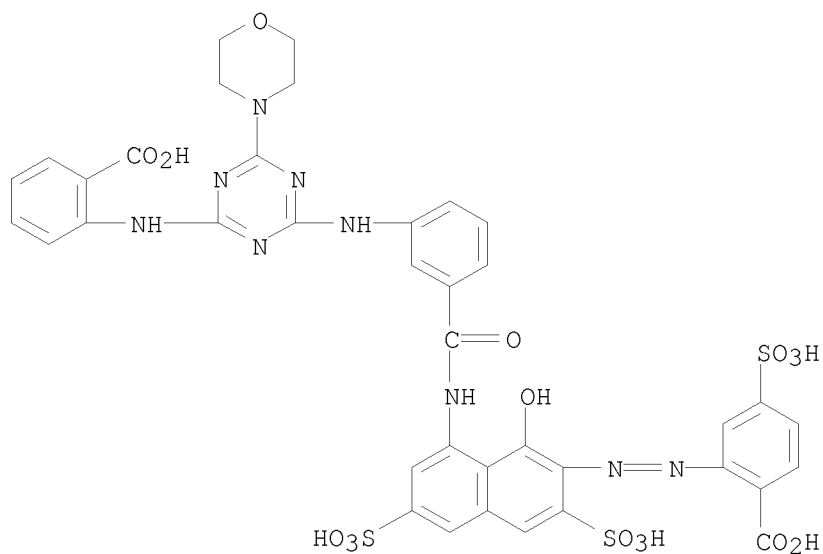
RN 861217-09-6 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



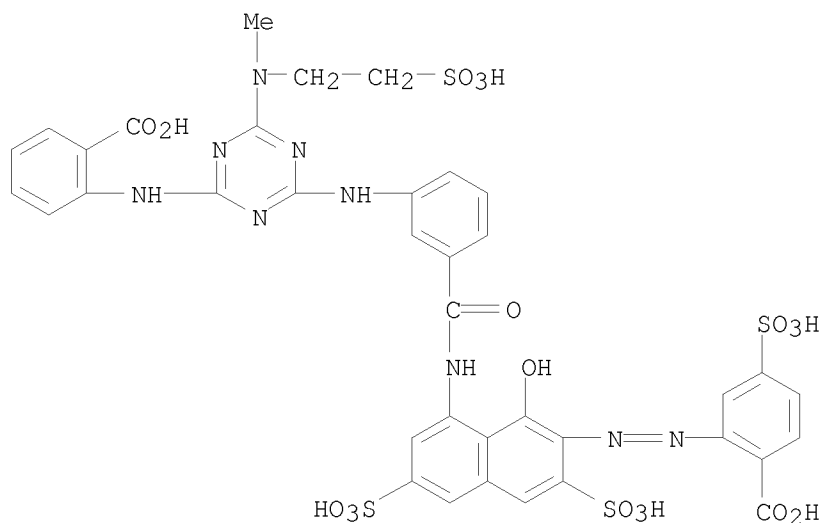
RN 861217-10-9 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



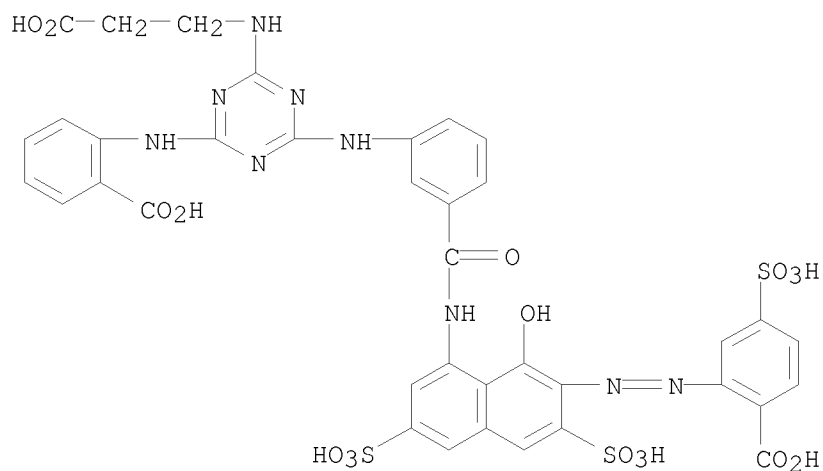
RN 861217-11-0 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



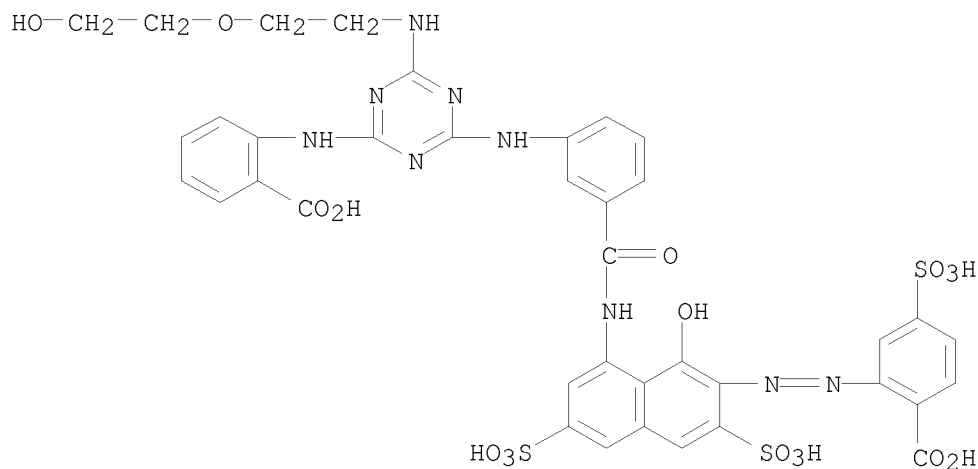
RN 861217-12-1 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)amino]-6-[(2-carboxyphenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



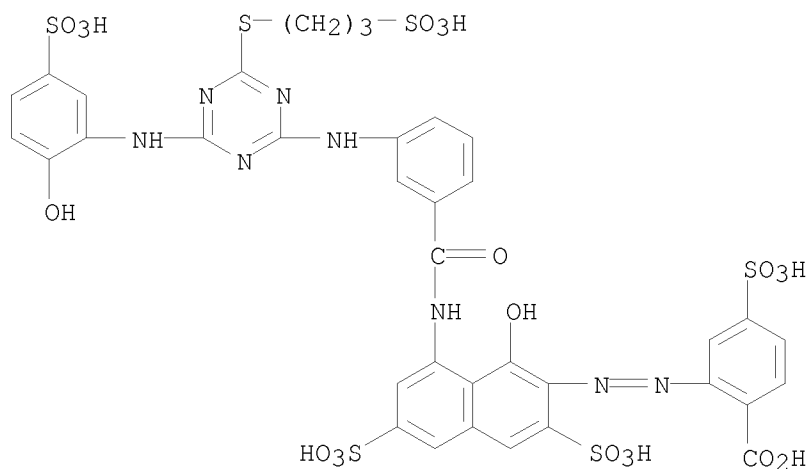
RN 861217-13-2 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[[2-(2-hydroxyethoxy)ethyl]amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



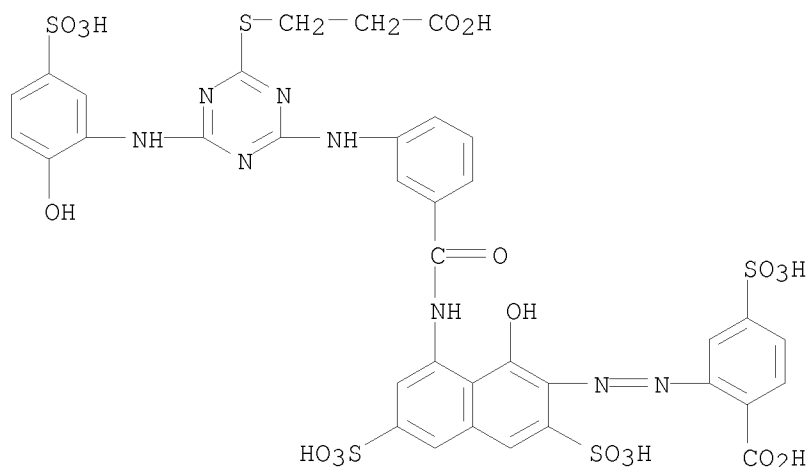
RN 861217-14-3 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



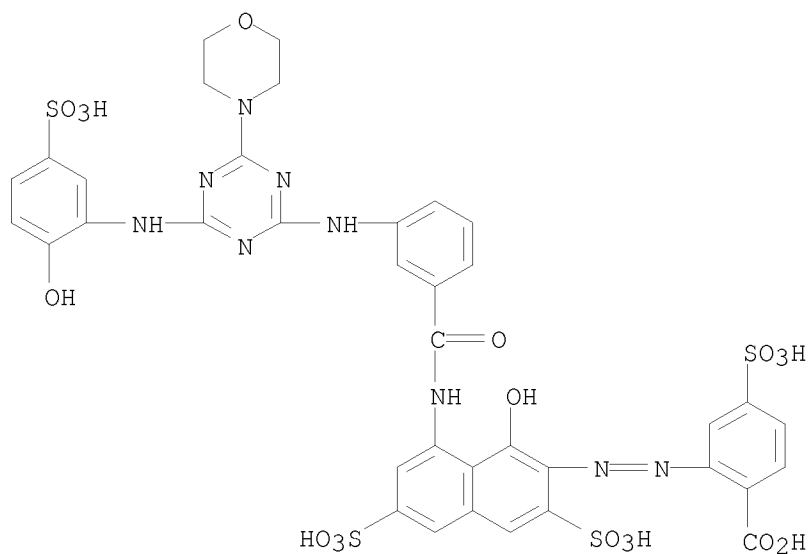
RN 861217-15-4 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)thio]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



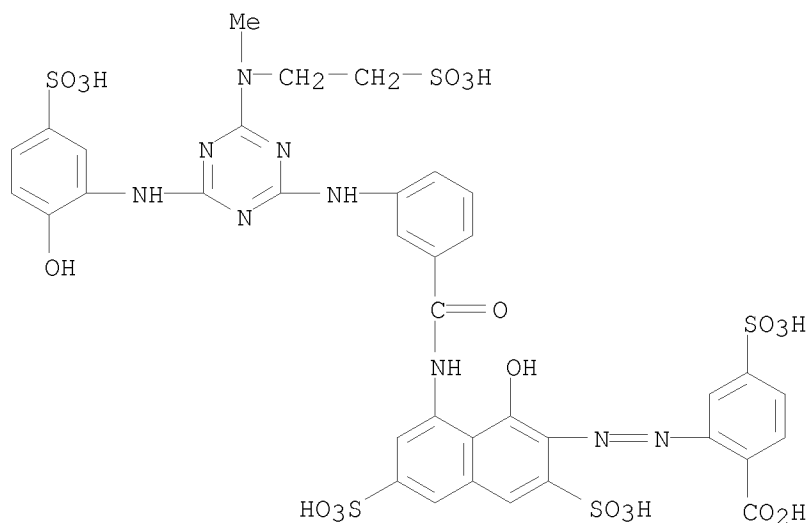
RN 861217-16-5 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



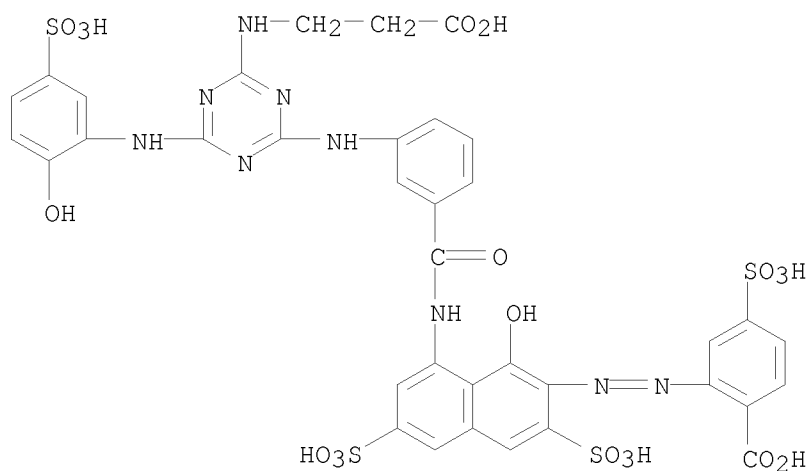
RN 861217-17-6 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



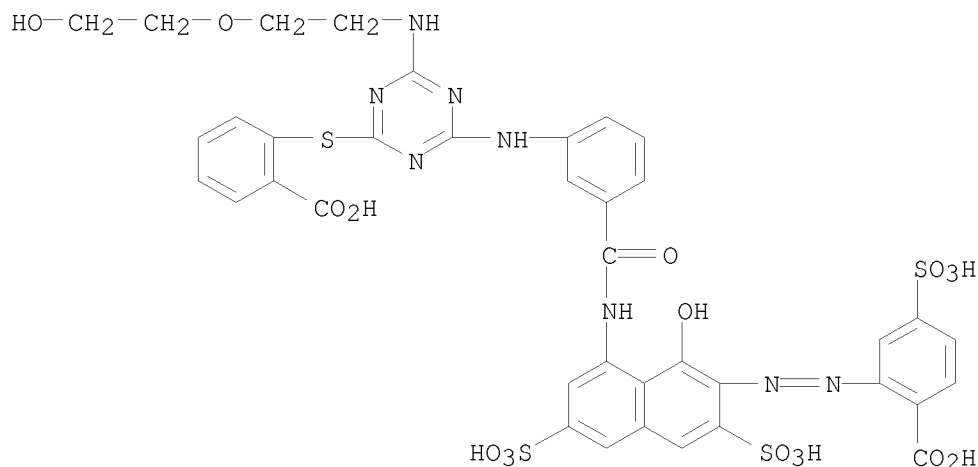
RN 861217-18-7 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)amino]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



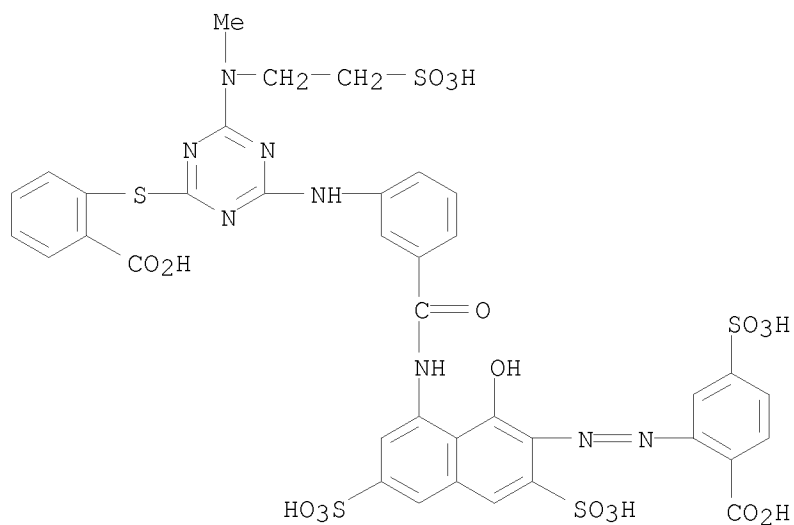
RN 861217-19-8 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)thio]-6-[[2-(2-hydroxyethoxy)ethyl]amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



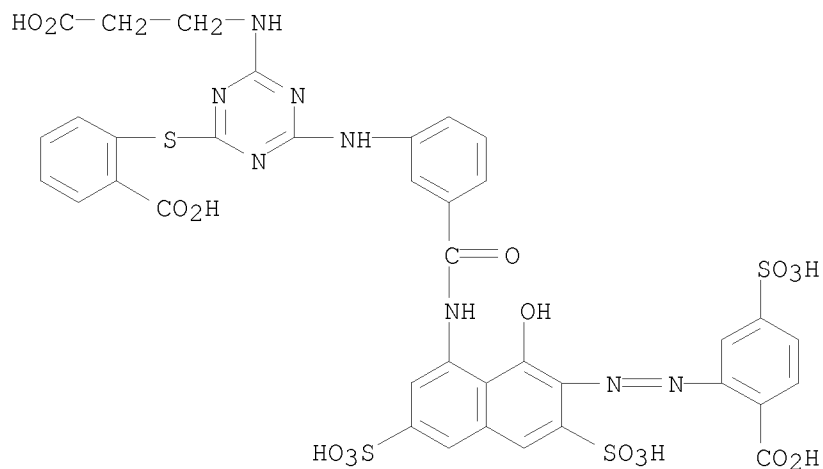
RN 861217-20-1 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)thio]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



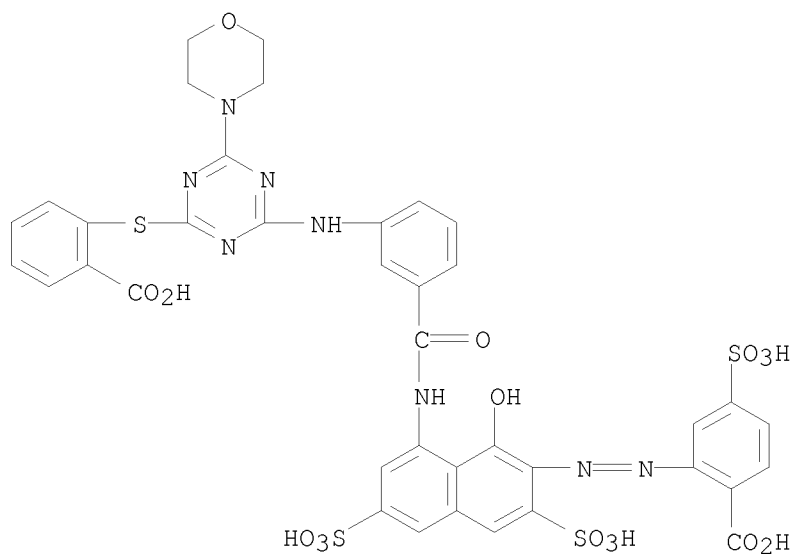
RN 861217-21-2 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)amino]-6-[(2-carboxyphenyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



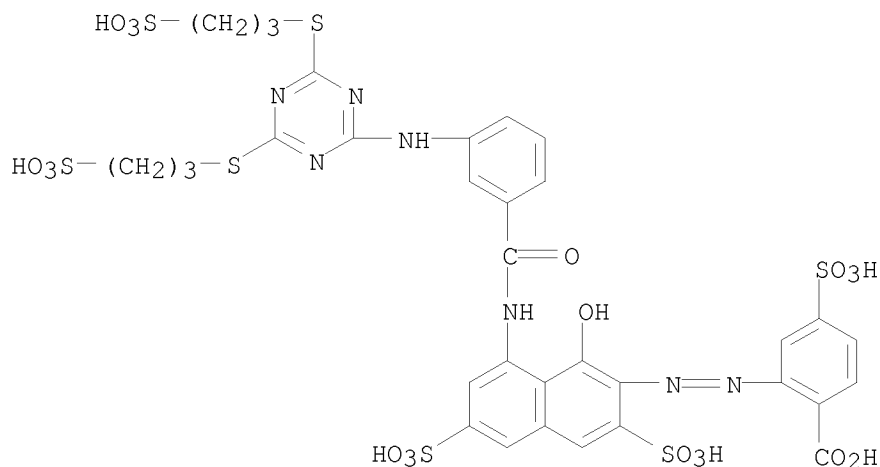
RN 861217-22-3 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)thio]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



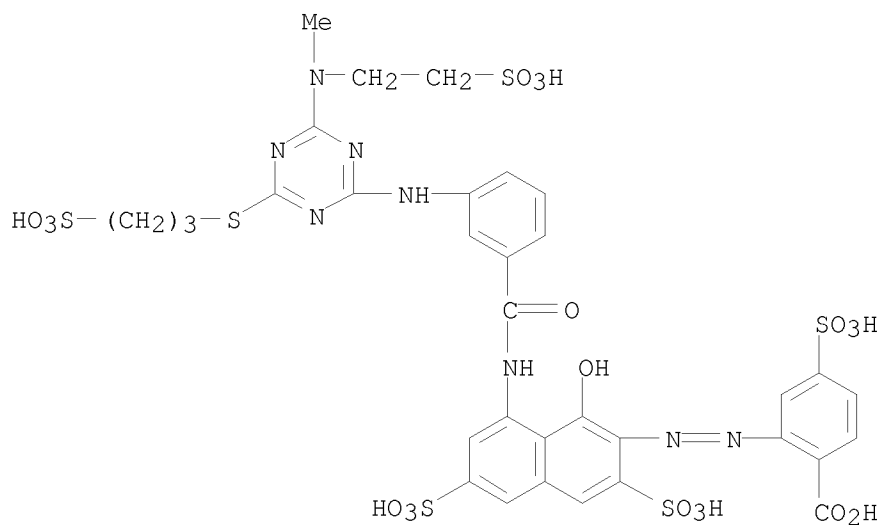
RN 861217-23-4 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4,6-bis[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



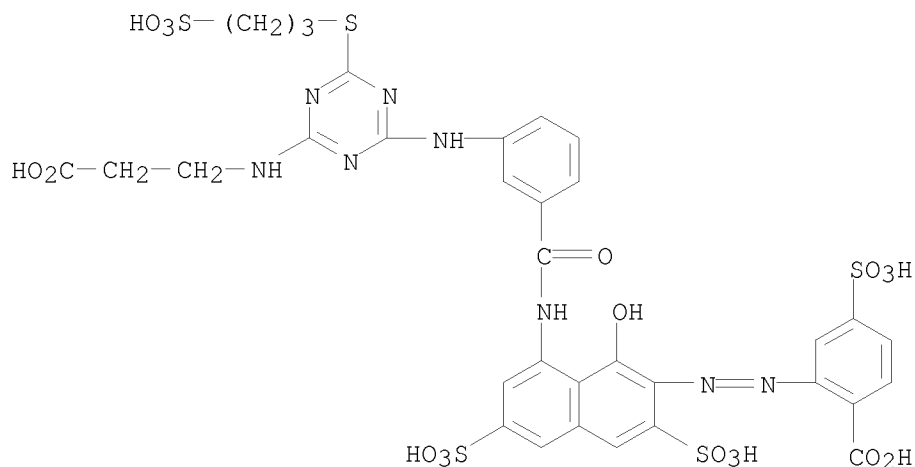
RN 861217-24-5 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[methyl(2-sulfoethyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



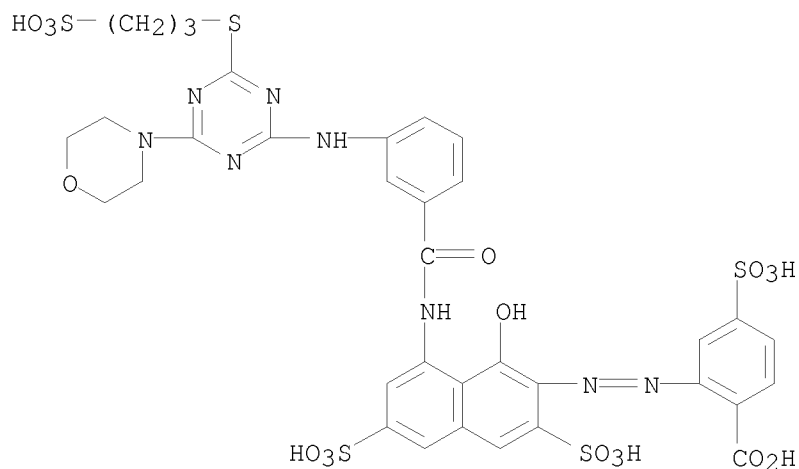
RN 861217-25-6 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



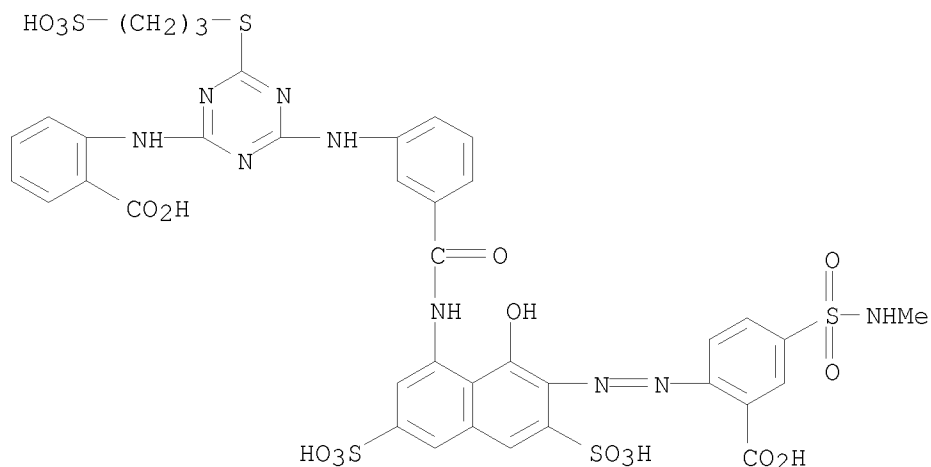
RN 861217-26-7 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-(4-morpholinyl)-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



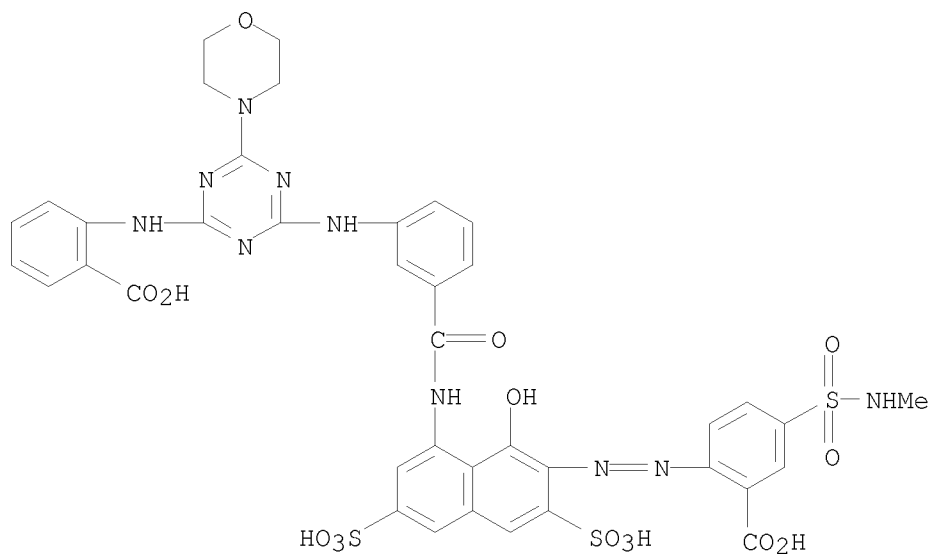
RN 861217-27-8 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(methylamino)sulfonyl]- (CA INDEX NAME)



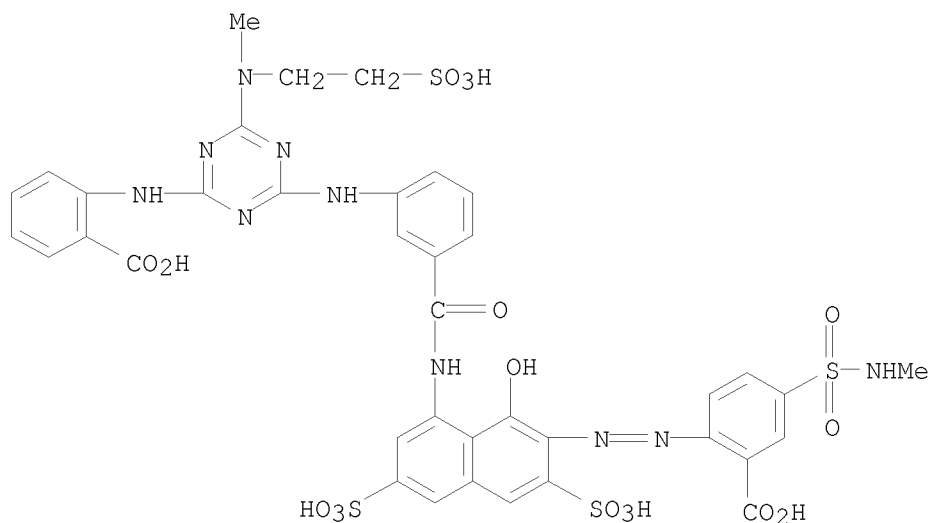
RN 861217-28-9 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(methylamino)sulfonyl]- (CA INDEX NAME)



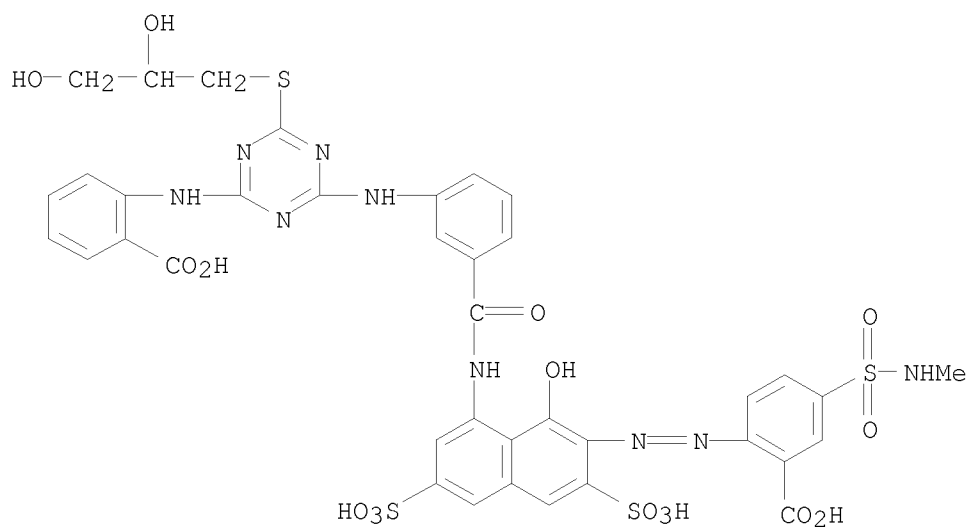
RN 861217-29-0 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(methylamino)sulfonyl]- (CA INDEX NAME)



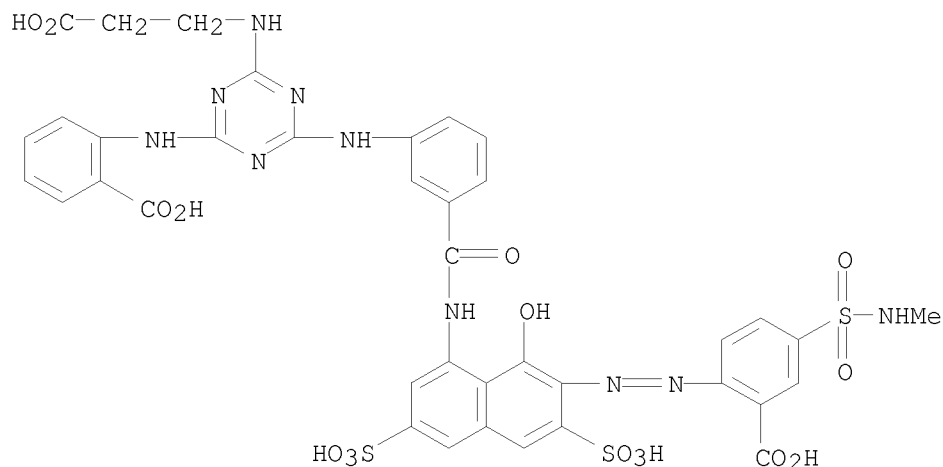
RN 861217-30-3 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(2,3-dihydroxypropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(methylamino)sulfonyl]- (CA INDEX NAME)



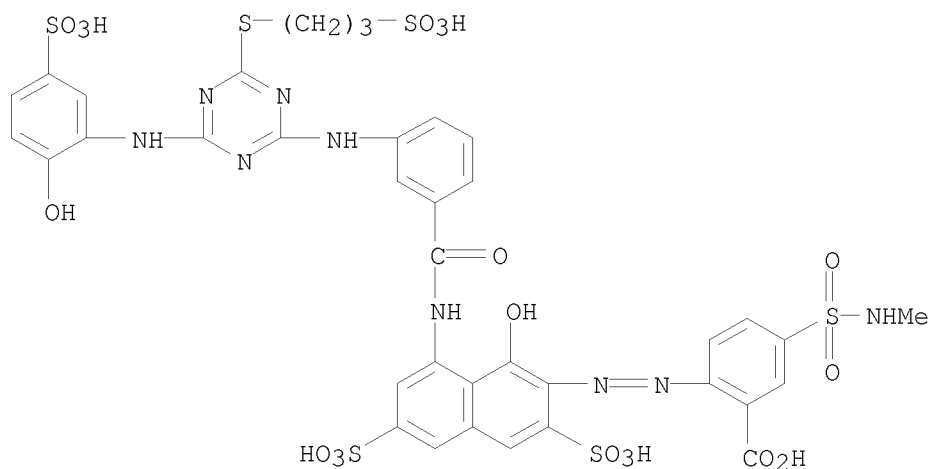
RN 861217-31-4 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)amino]-6-[(2-carboxyphenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(methylamino)sulfonyl]- (CA INDEX NAME)



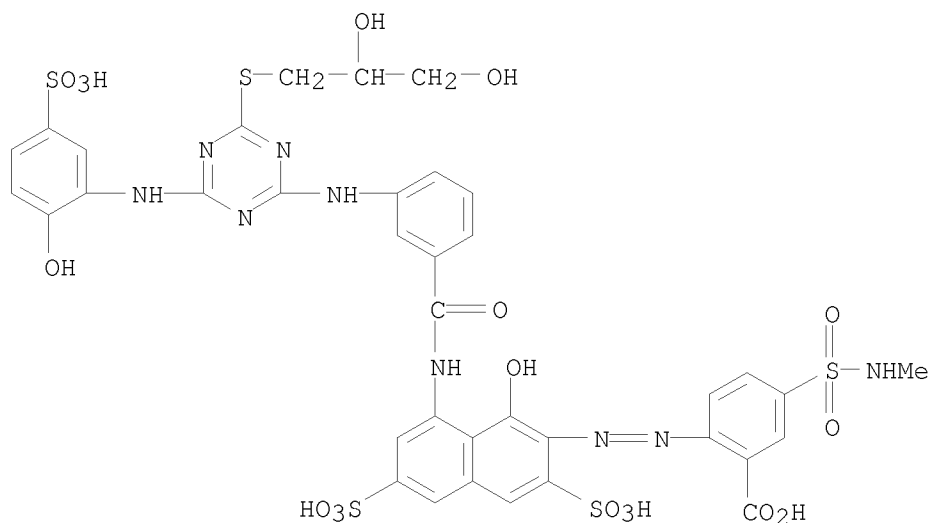
RN 861217-32-5 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(methylamino)sulfonyl]- (CA INDEX NAME)



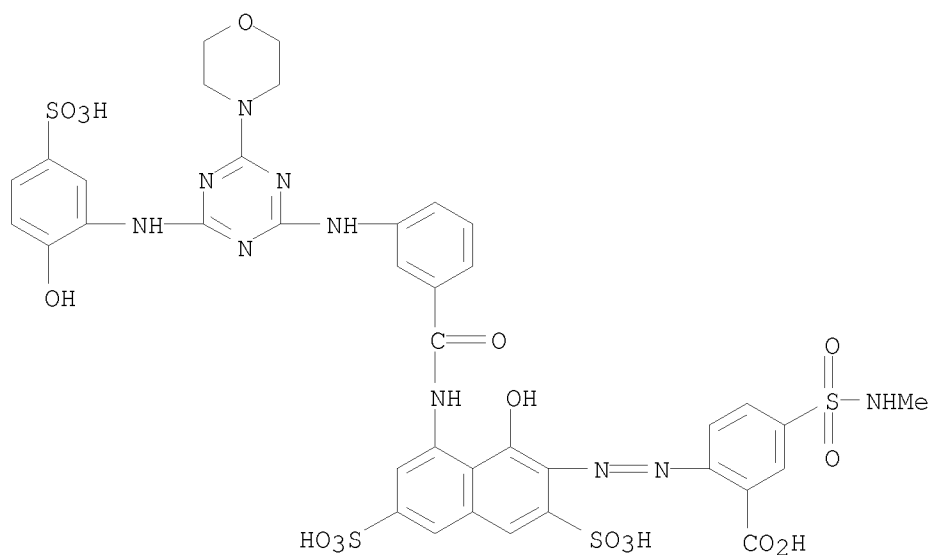
RN 861217-33-6 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2,3-dihydroxypropyl)thio]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(methylamino)sulfonyl]- (CA INDEX NAME)



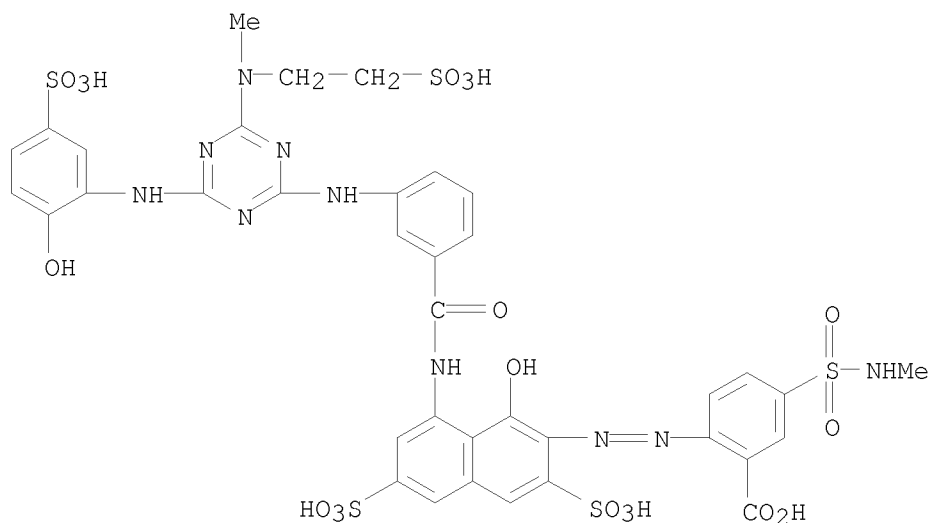
RN 861217-34-7 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(methylamino)sulfonyl]- (CA INDEX NAME)



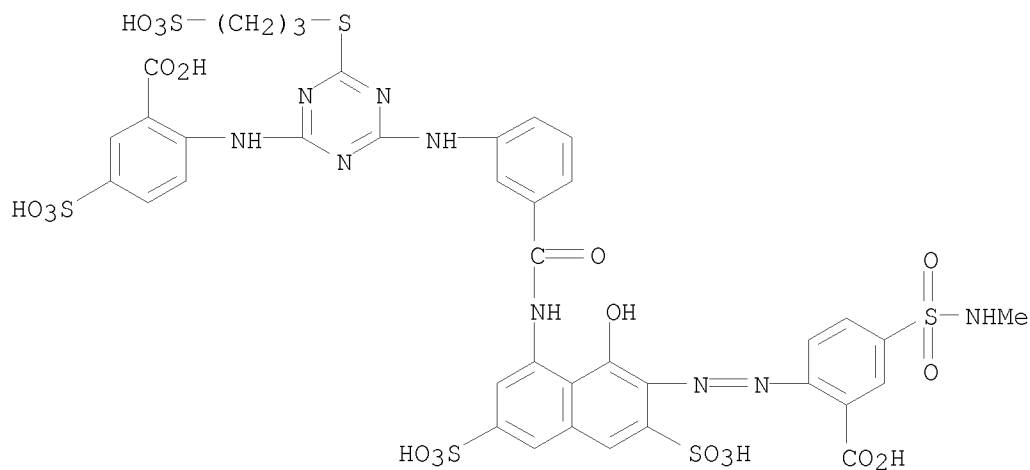
RN 861217-35-8 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(methylamino)sulfonyl]- (CA INDEX NAME)



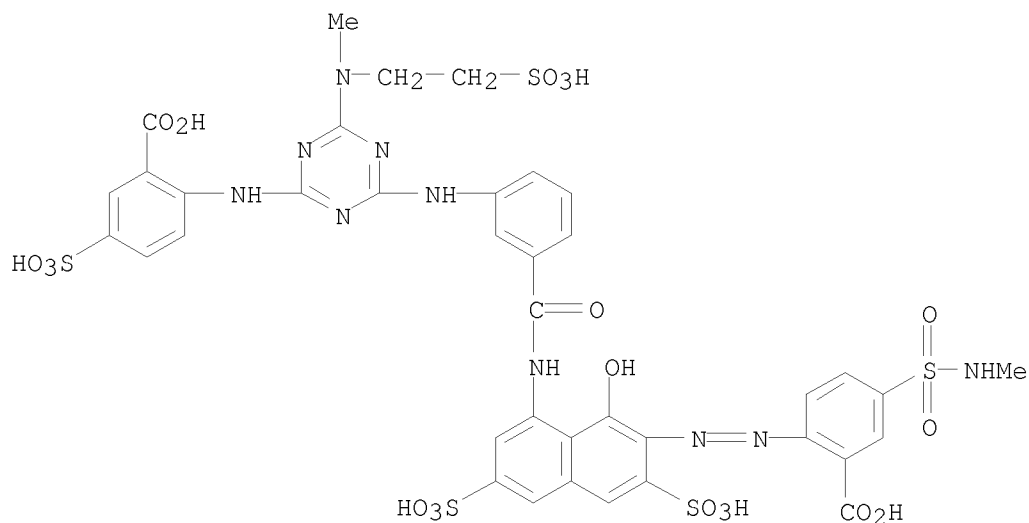
RN 861217-36-9 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[7-[2-[2-carboxy-4-[(methylamino)sulfonyl]phenyl]diazenyl]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]-5-sulfo- (CA INDEX NAME)



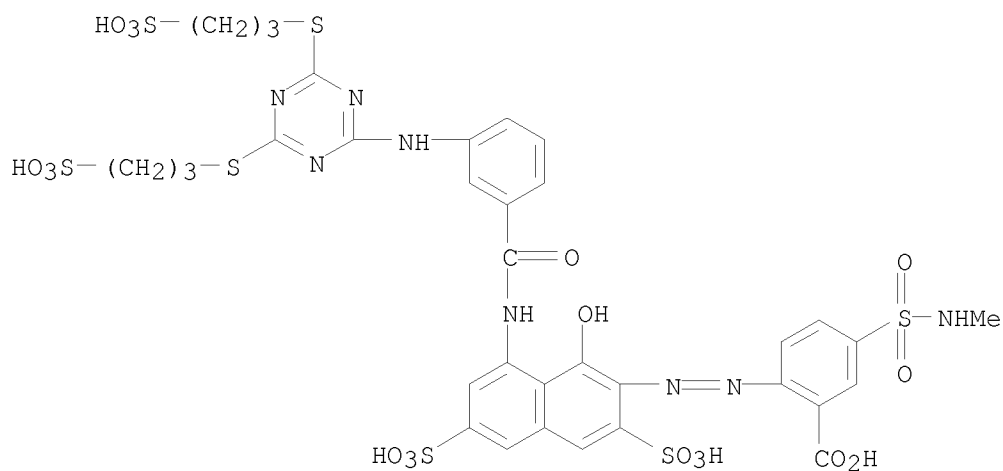
RN 861217-37-0 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[7-[2-[2-carboxy-4-[(methylamino)sulfonyl]phenyl]diazenyl]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]-5-sulfo- (CA INDEX NAME)



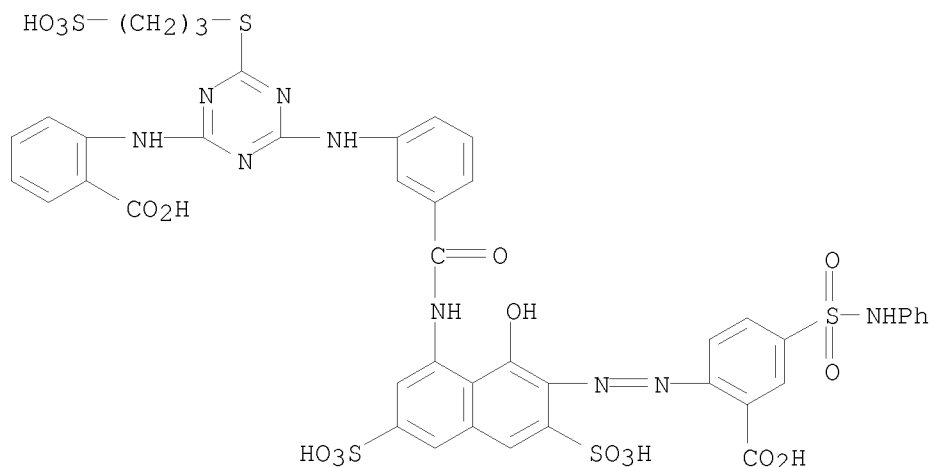
RN 861217-39-2 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4,6-bis[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(methylamino)sulfonyl]- (CA INDEX NAME)



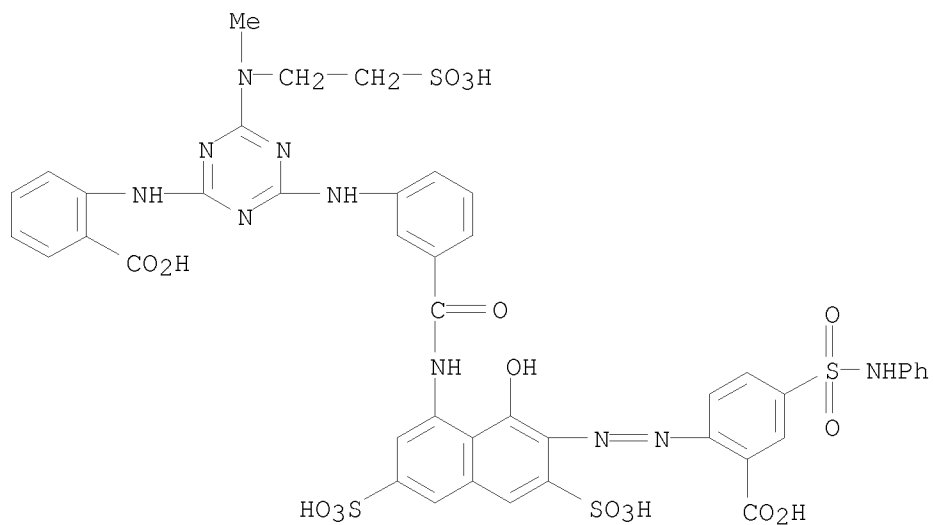
RN 861217-40-5 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(phenylamino)sulfonyl]- (CA INDEX NAME)



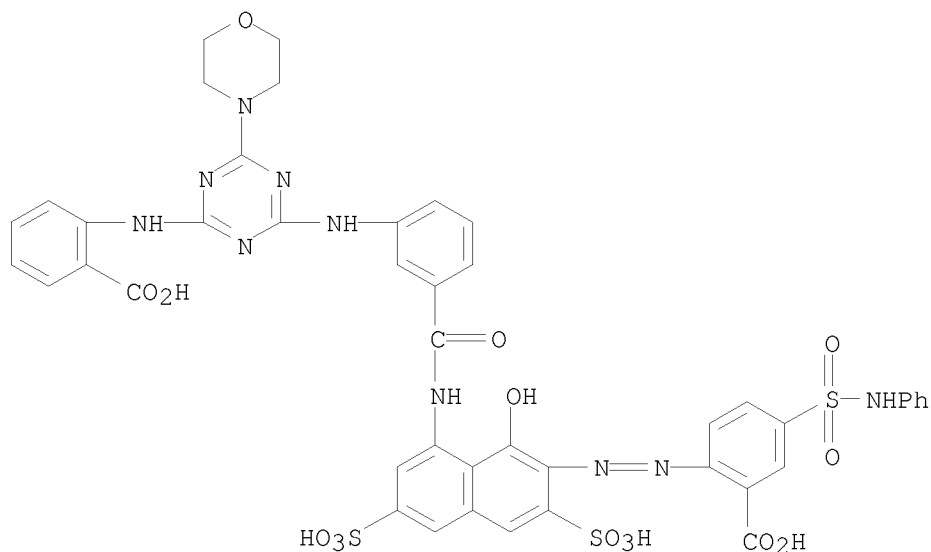
RN 861217-41-6 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(phenylamino)sulfonyl]- (CA INDEX NAME)



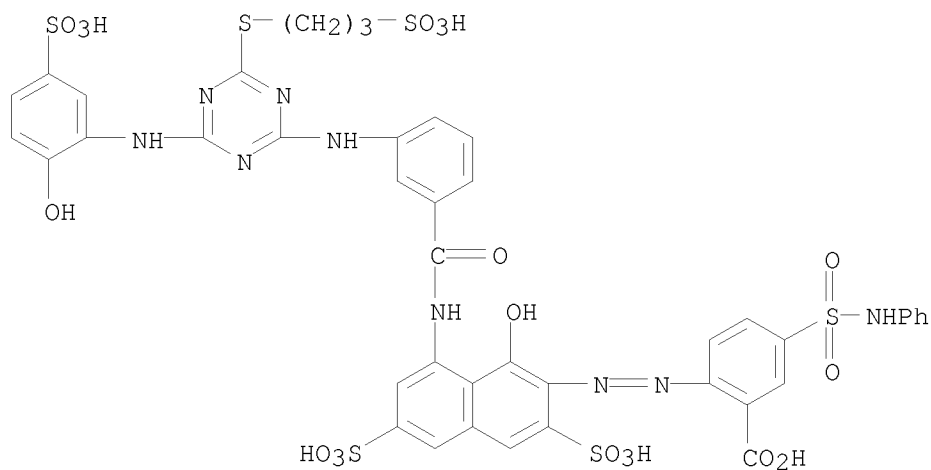
RN 861217-42-7 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(phenylamino)sulfonyl]- (CA INDEX NAME)



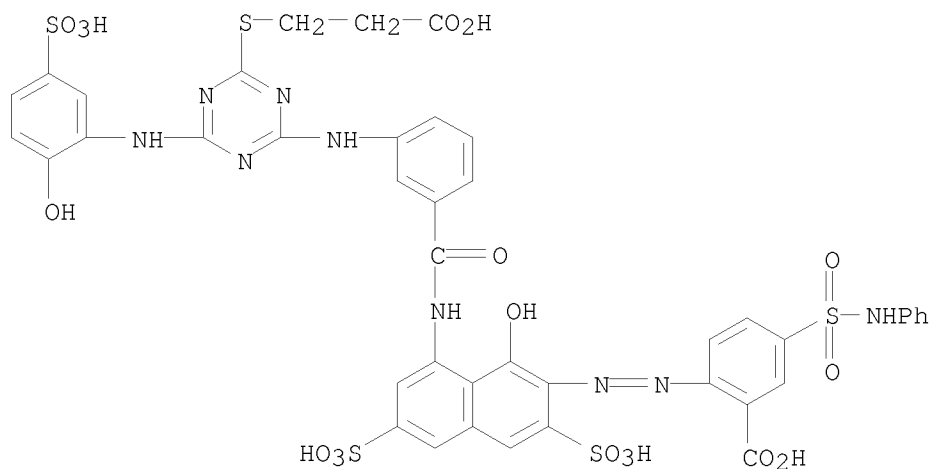
RN 861217-43-8 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfo-phenyl)amino]-6-[(3-sulfo-propyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(phenylamino)sulfonyl]- (CA INDEX NAME)



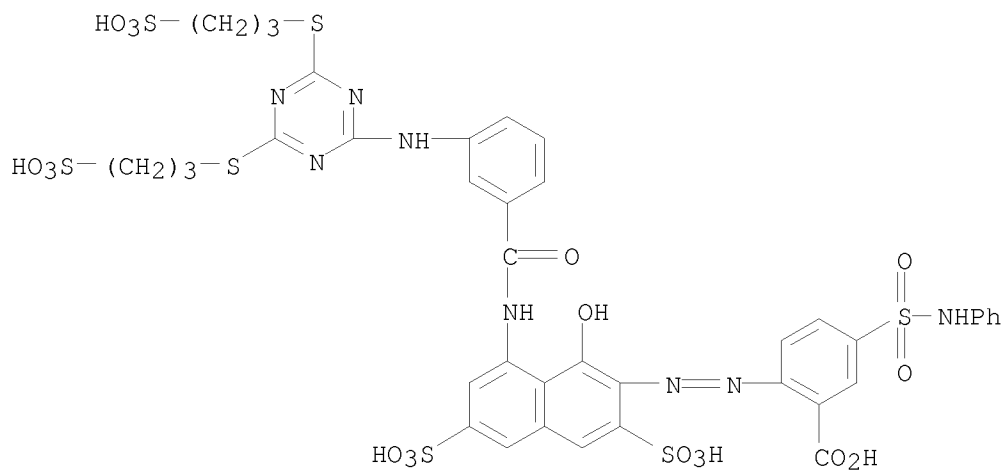
RN 861217-44-9 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)thio]-6-[(2-hydroxy-5-sulfo-phenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(phenylamino)sulfonyl]- (CA INDEX NAME)



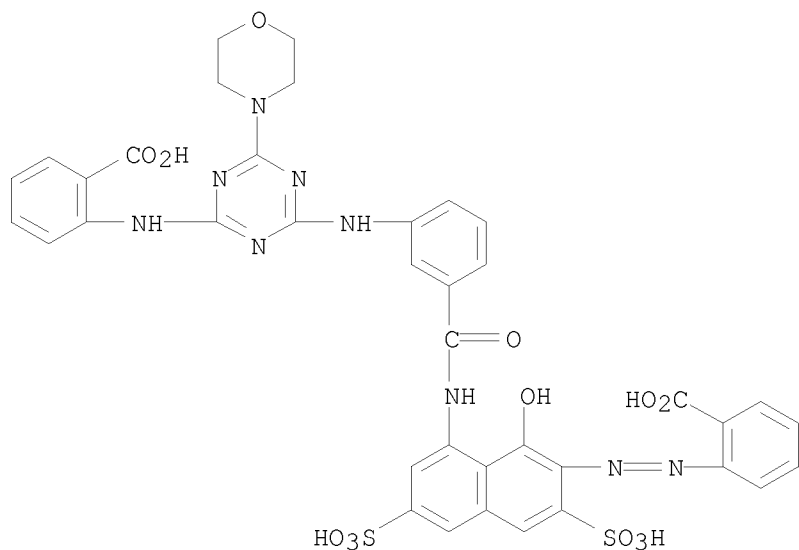
RN 861217-45-0 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4,6-bis[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(phenylamino)sulfonyl]- (CA INDEX NAME)



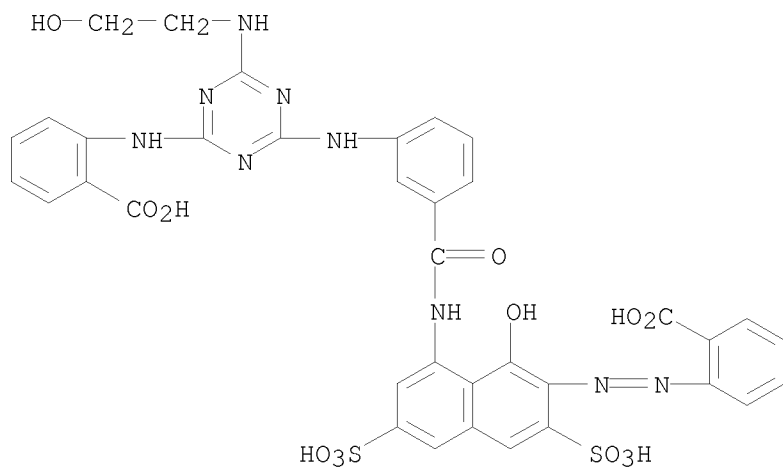
RN 861217-46-1 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



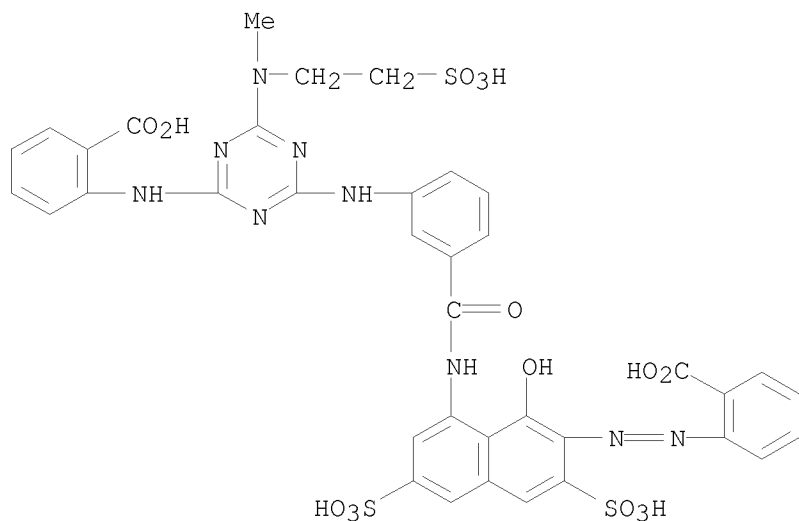
RN 861217-47-2 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



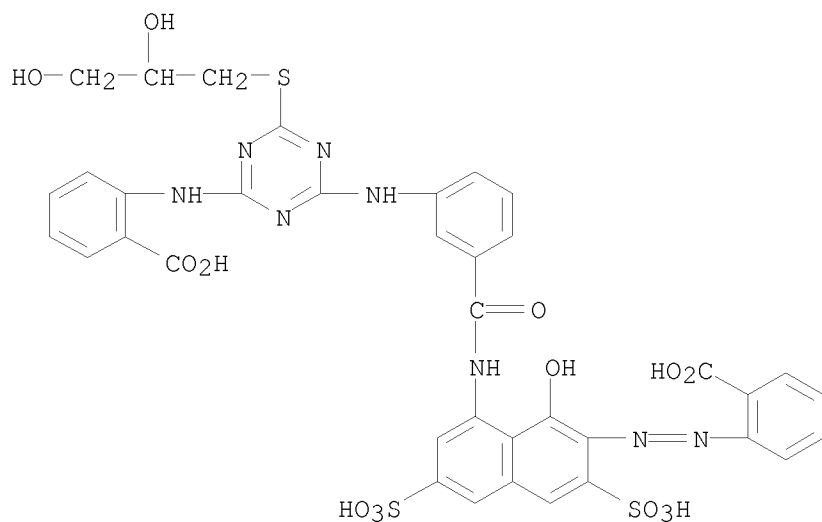
RN 861217-48-3 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



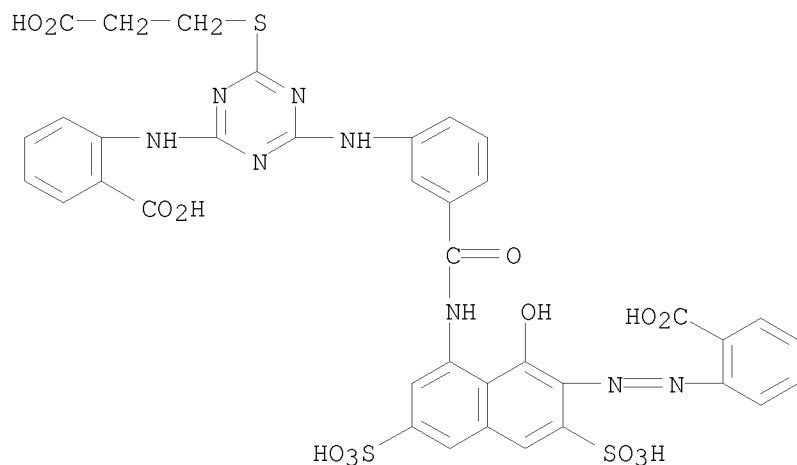
RN 861217-49-4 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(2,3-dihydroxypropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



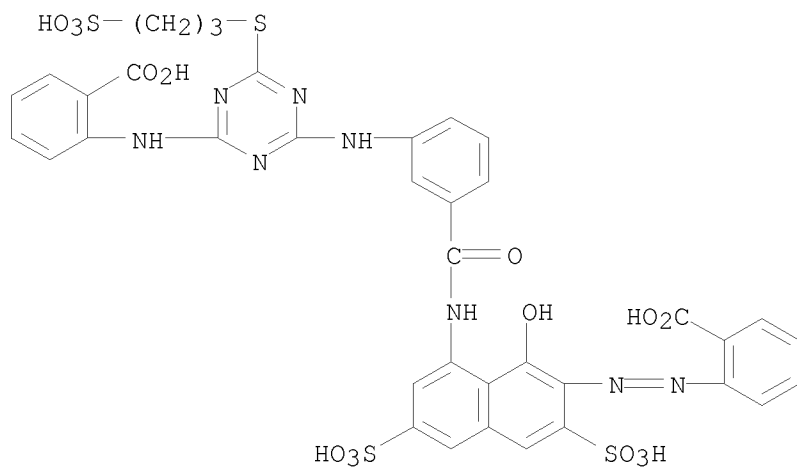
RN 861217-50-7 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)thio]-6-[(2-carboxyphenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



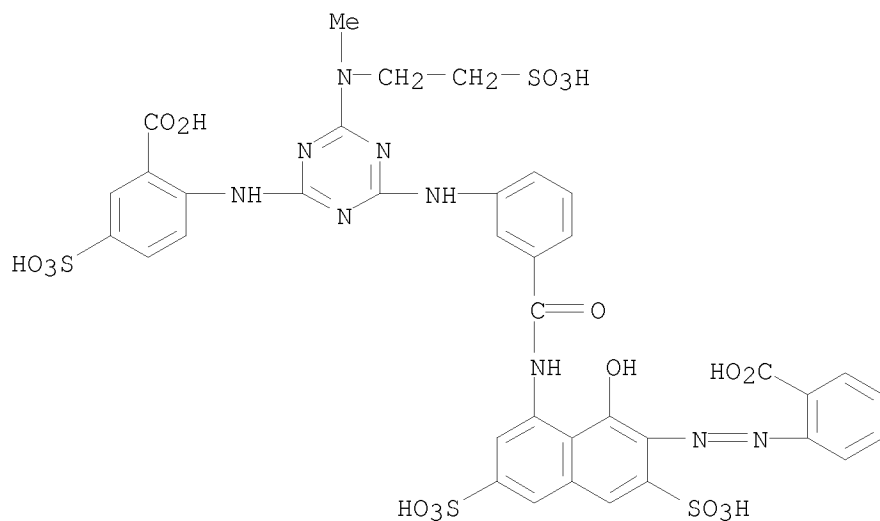
RN 861217-52-9 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



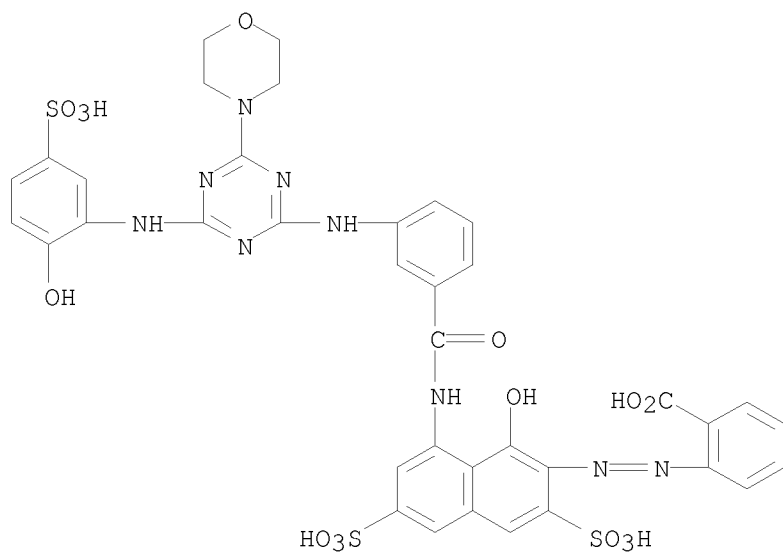
RN 861217-54-1 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[7-[2-(2-carboxyphenyl)diazenyl]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]-5-sulfo- (CA INDEX NAME)



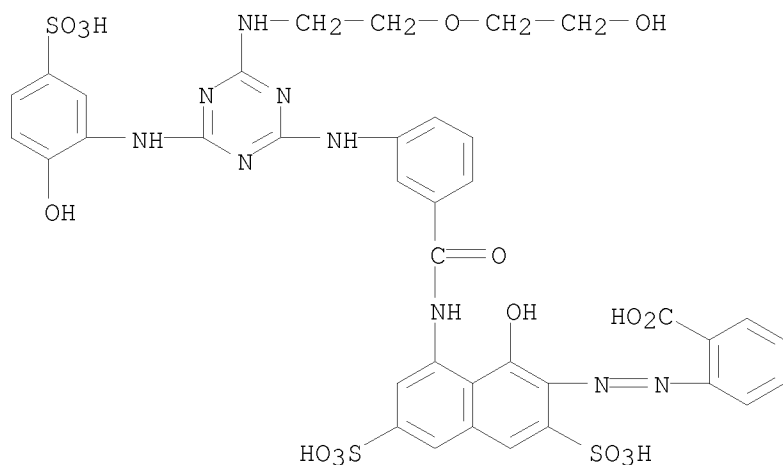
RN 861217-55-2 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



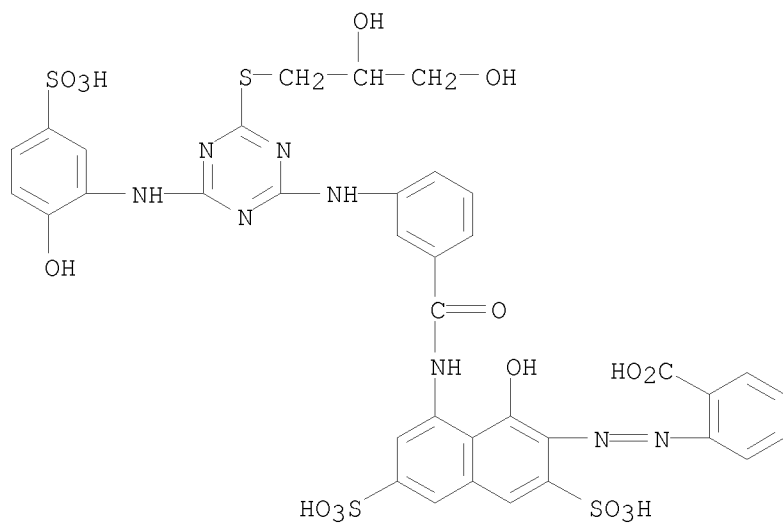
RN 861217-56-3 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[[2-(2-hydroxyethoxy)ethyl]amino]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



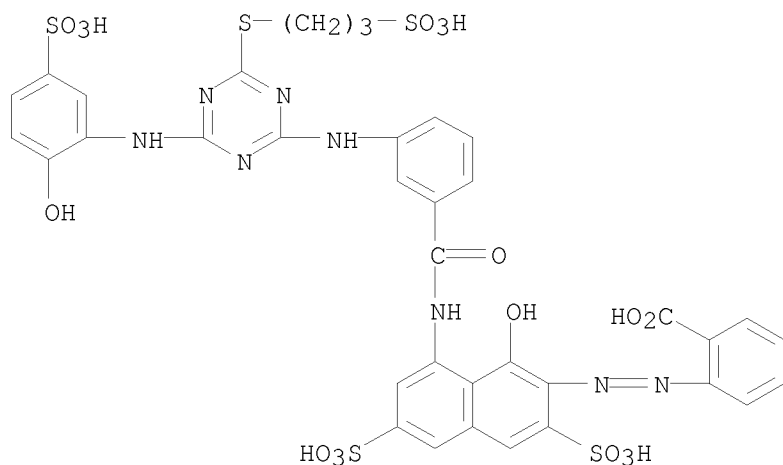
RN 861217-57-4 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2,3-dihydroxypropyl)thio]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



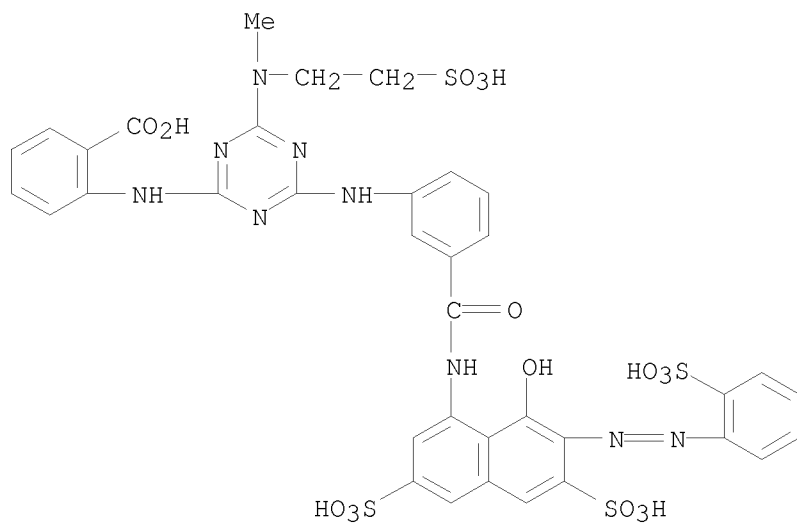
RN 861217-58-5 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



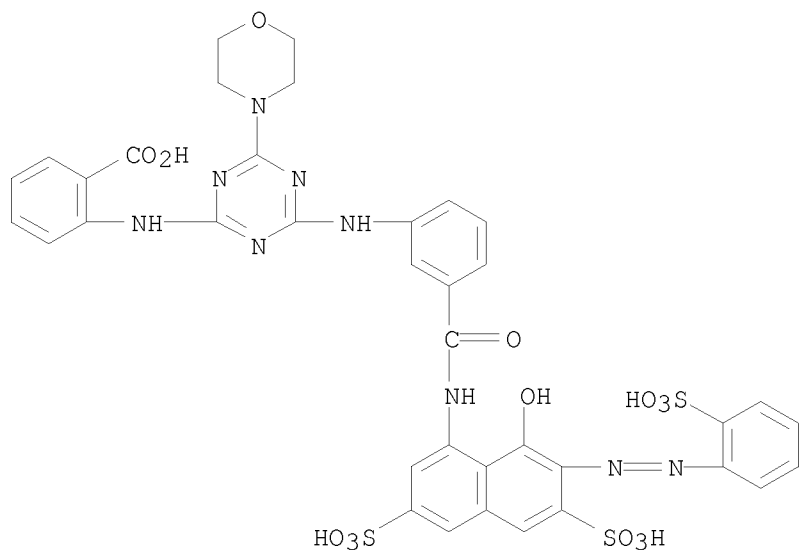
RN 861217-60-9 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(2-sulfophenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



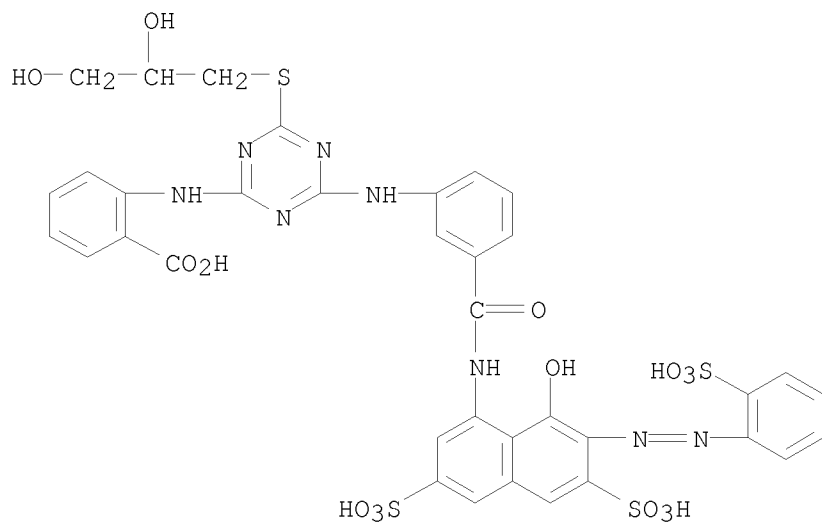
RN 861217-61-0 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(2-sulfophenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



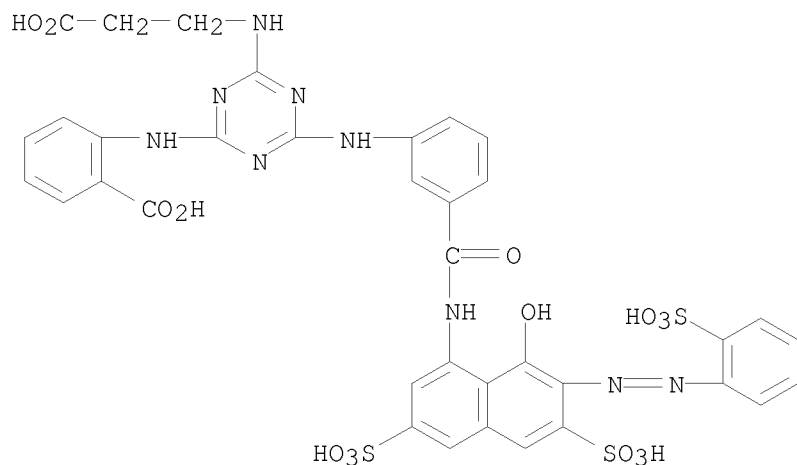
RN 861217-62-1 CAPLUS

CN Benzoic acid, 2-[[4-[(2,3-dihydroxypropyl)thio]-6-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(2-sulfophenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



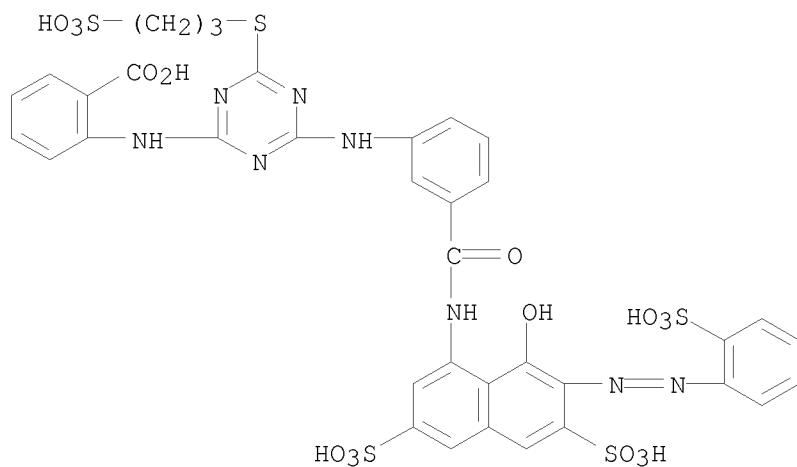
RN 861217-63-2 CAPLUS

CN Benzoic acid, 2-[[4-[(2-carboxyethyl)amino]-6-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(2-sulfophenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



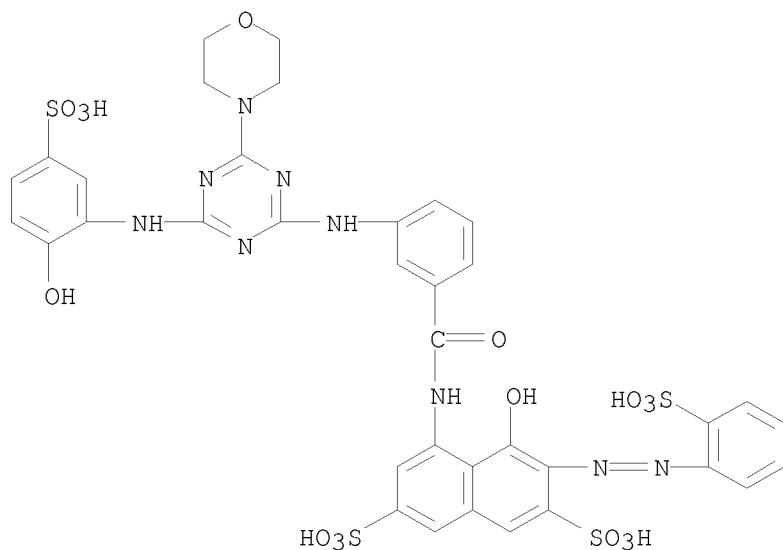
RN 861217-66-5 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(2-sulfophenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)

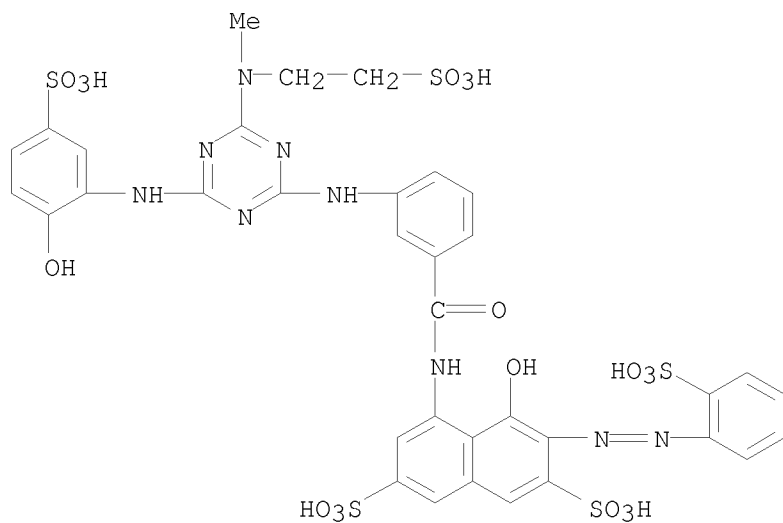


RN 861217-67-6 CAPLUS

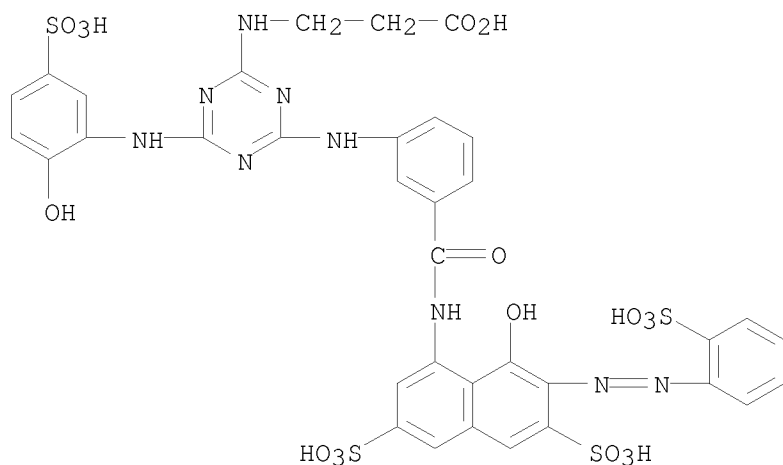
CN 2,7-Naphthalenedisulfonic acid, 4-hydroxy-5-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(2-sulfophenyl)diazenyl]- (CA INDEX NAME)



RN 861217-68-7 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 4-hydroxy-5-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(2-sulfophenyl)diazenyl]- (CA INDEX NAME)

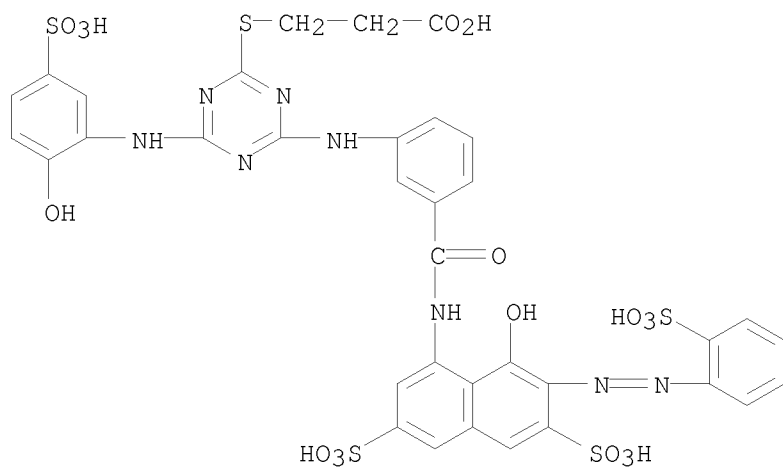


RN 861217-69-8 CAPLUS
 CN β -Alanine, N-[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[(2-sulfophenyl)azo]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)



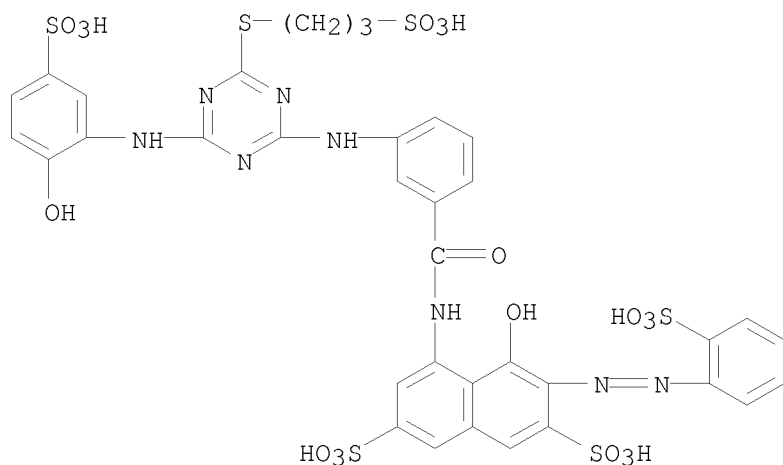
RN 861217-70-1 CAPLUS

CN Propanoic acid, 3-[[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(2-sulfophenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]thio]- (CA INDEX NAME)



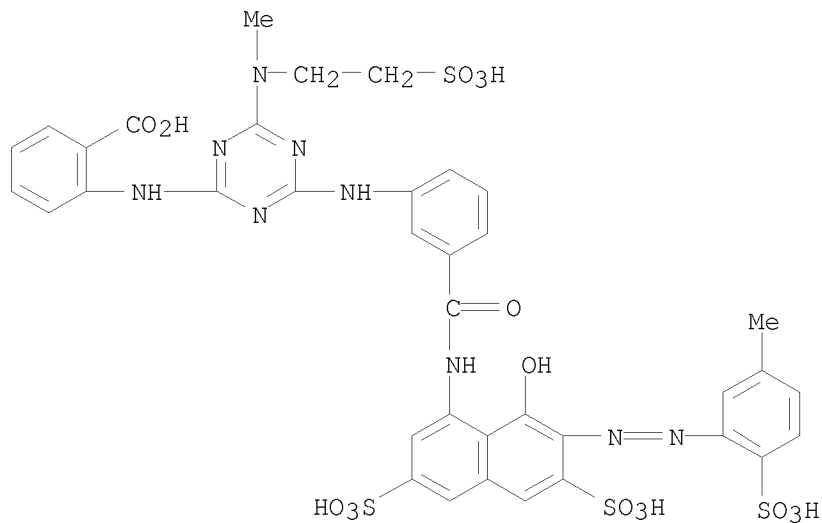
RN 861217-71-2 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4-hydroxy-5-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(2-sulfophenyl)diazenyl]- (CA INDEX NAME)



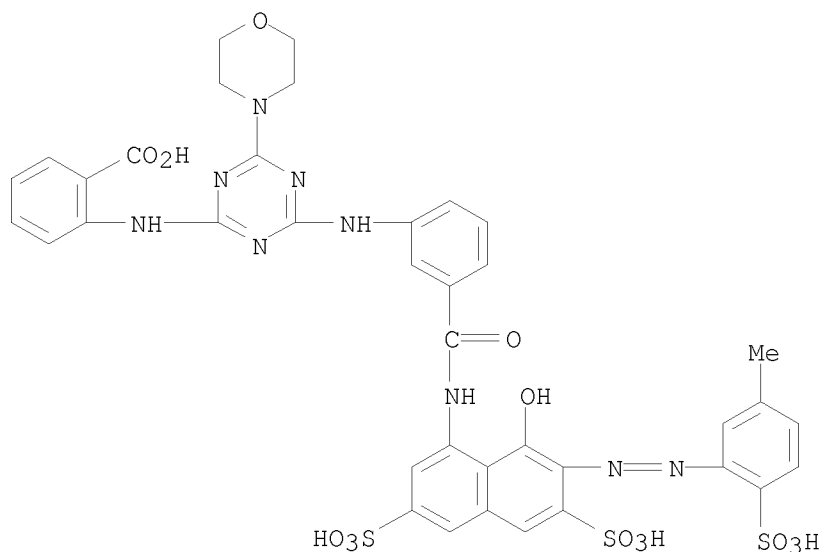
RN 861217-72-3 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-7-[2-(5-methyl-2-sulfophenyl)diazenyl]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



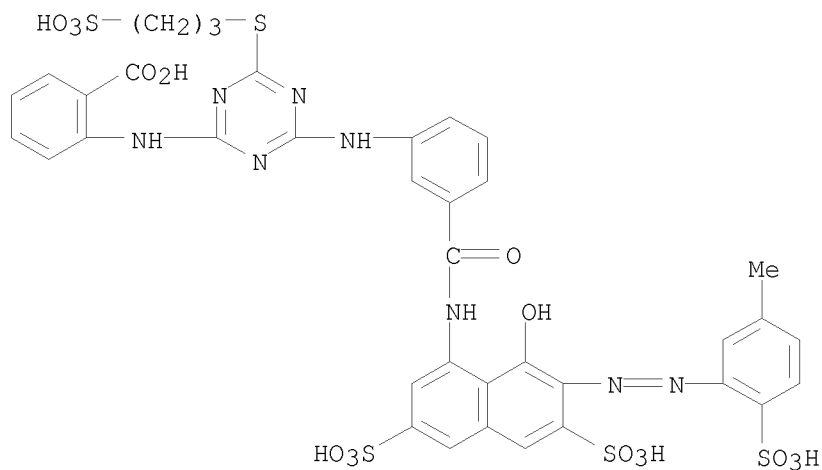
RN 861217-73-4 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-7-[2-(5-methyl-2-sulfophenyl)diazenyl]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



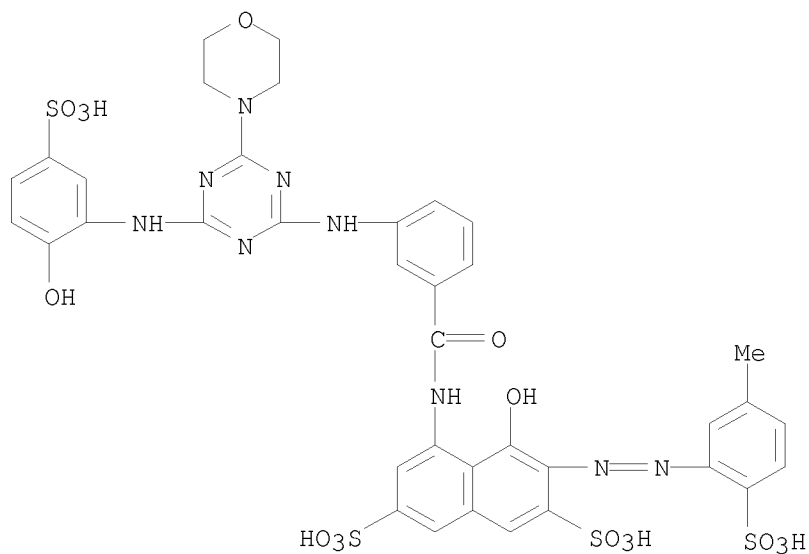
RN 861217-74-5 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-7-[2-(5-methyl-2-sulfophenyl)diazenyl]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



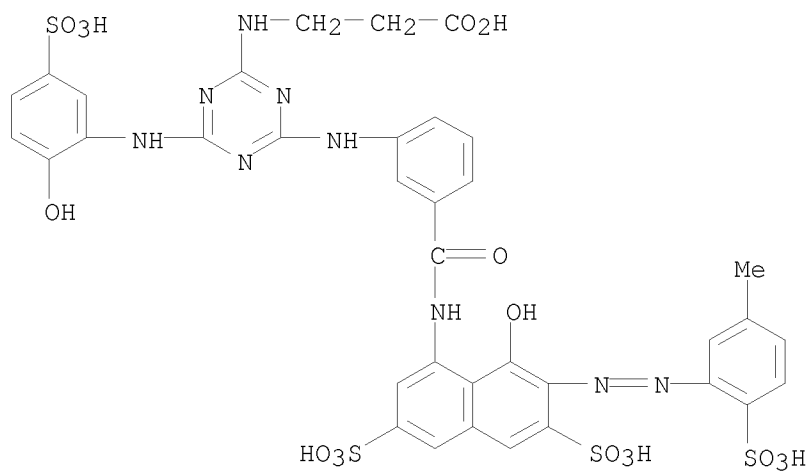
RN 861217-75-6 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4-hydroxy-5-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(5-methyl-2-sulfophenyl)diazenyl]- (CA INDEX NAME)



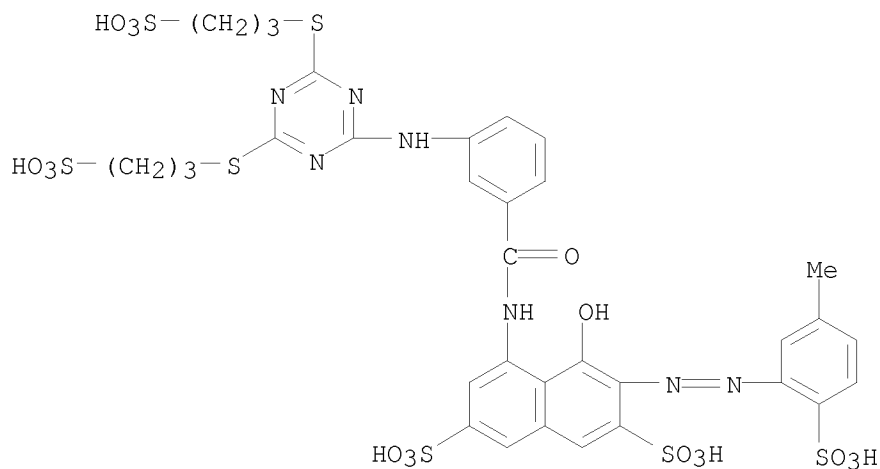
RN 861217-76-7 CAPLUS

CN β -Alanine, N-[4-[[3-[[[8-hydroxy-7-[(5-methyl-2-sulfophenyl)azo]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)



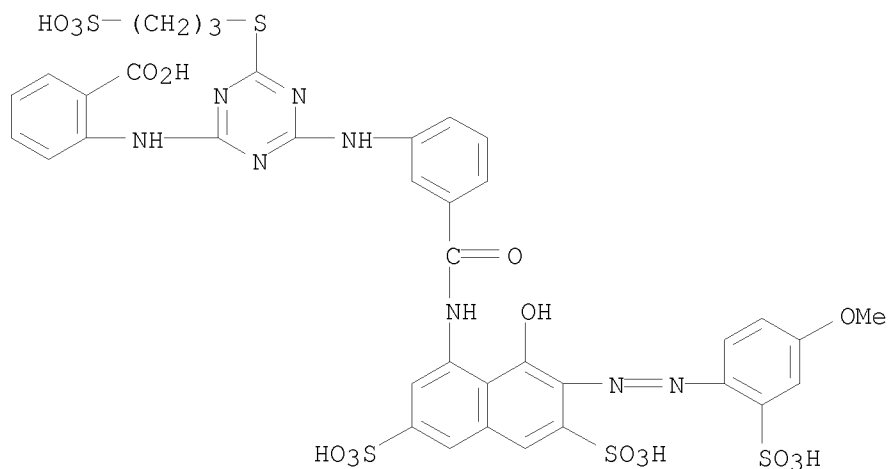
RN 861217-77-8 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4,6-bis[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-4-hydroxy-3-[2-(5-methyl-2-sulfophenyl)diazenyl]- (CA INDEX NAME)



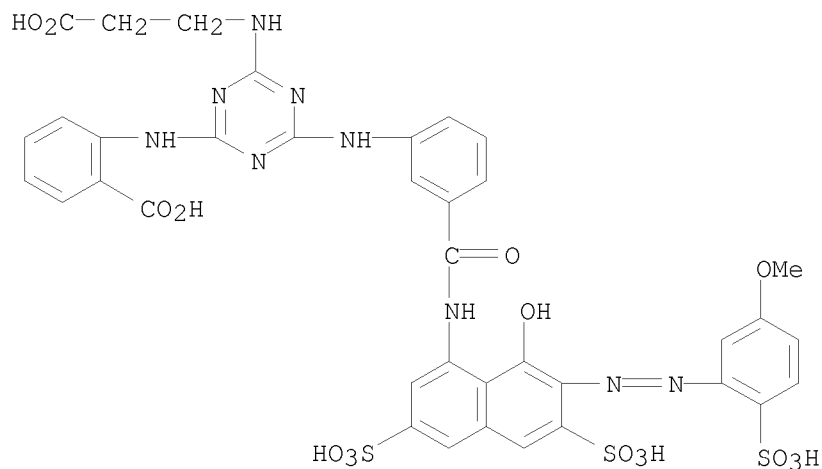
RN 861217-78-9 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-7-[2-(4-methoxy-2-sulfophenyl)diazenyl]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



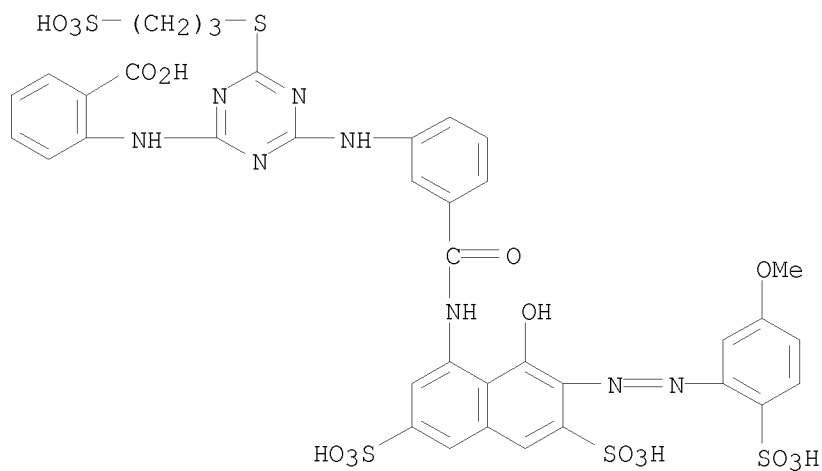
RN 861217-79-0 CAPLUS

CN Benzoic acid, 2-[[4-[(2-carboxyethyl)amino]-6-[[3-[[[8-hydroxy-7-[2-(5-methoxy-2-sulfophenyl)diazenyl]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



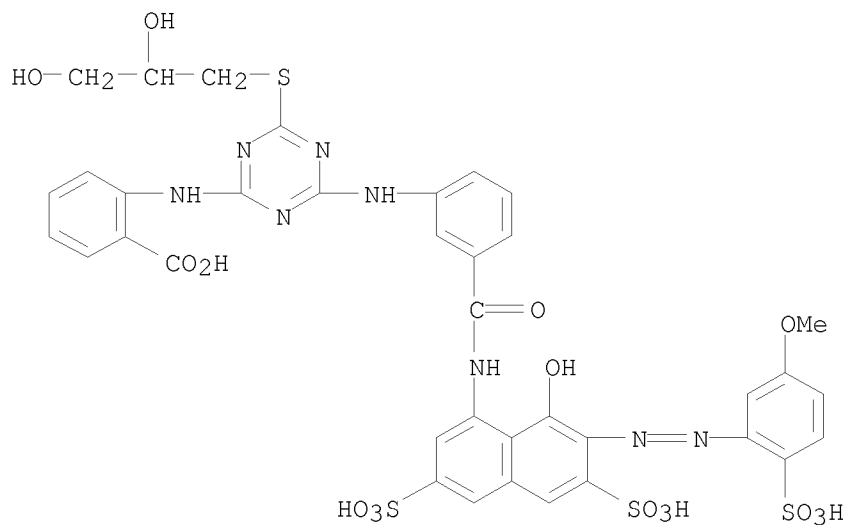
RN 861217-80-3 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-7-[2-(5-methoxy-2-sulfophenyl)diazenyl]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



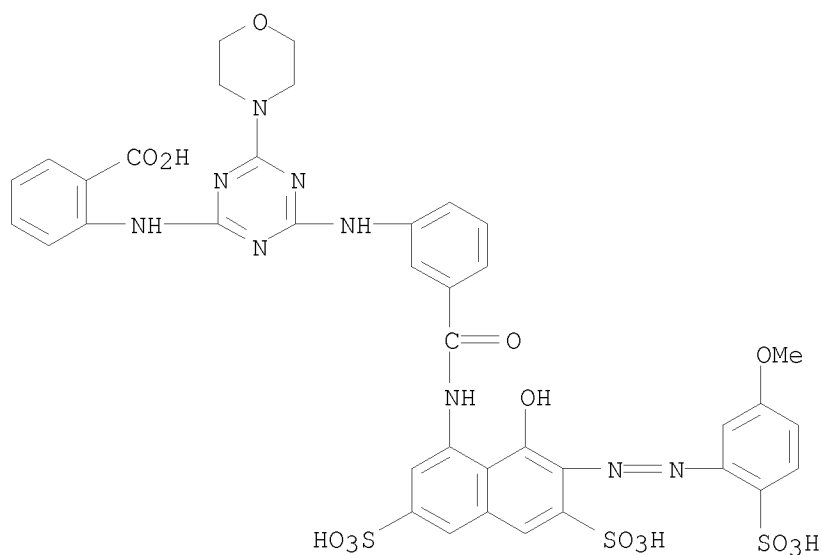
RN 861217-81-4 CAPLUS

CN Benzoic acid, 2-[[4-[(2,3-dihydroxypropyl)thio]-6-[[3-[[[8-hydroxy-7-[2-(5-methoxy-2-sulfophenyl)diazenyl]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



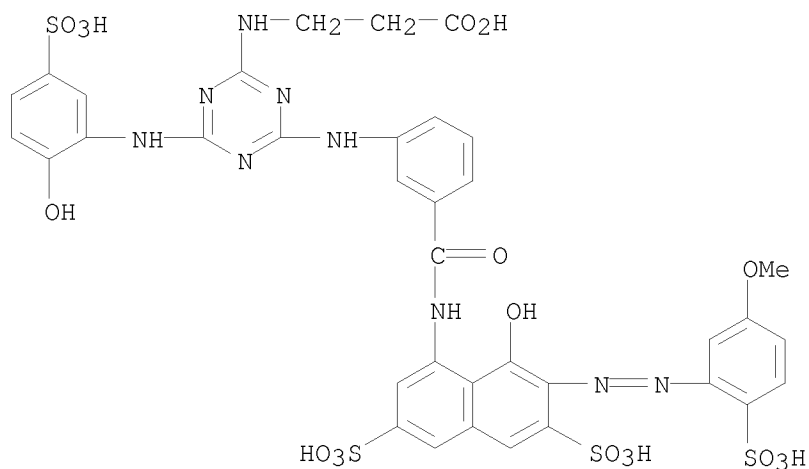
RN 861217-82-5 CAPLUS

CN Benzoic acid, 2-[[[4-[[3-[[[8-hydroxy-7-[2-(5-methoxy-2-sulphophenyl)diazanyl]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



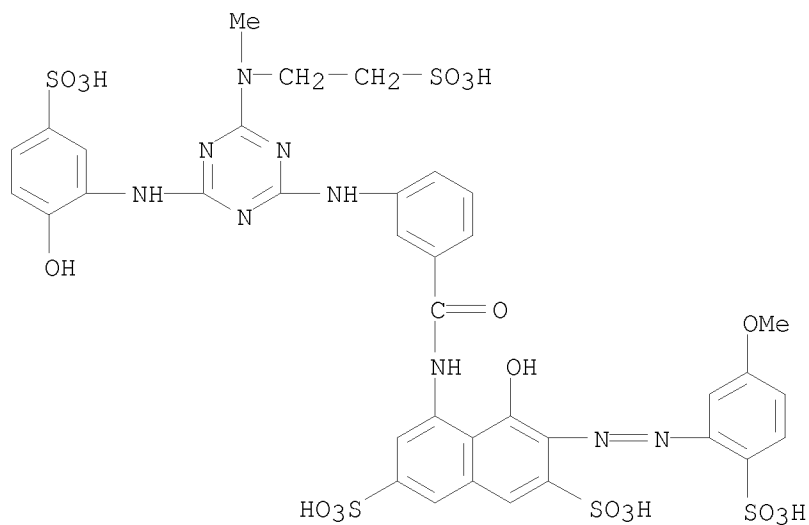
RN 861217-83-6 CAPLUS

CN β-Alanine, N-[4-[[3-[[[8-hydroxy-7-[(5-methoxy-2-sulfophenyl)azo]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)



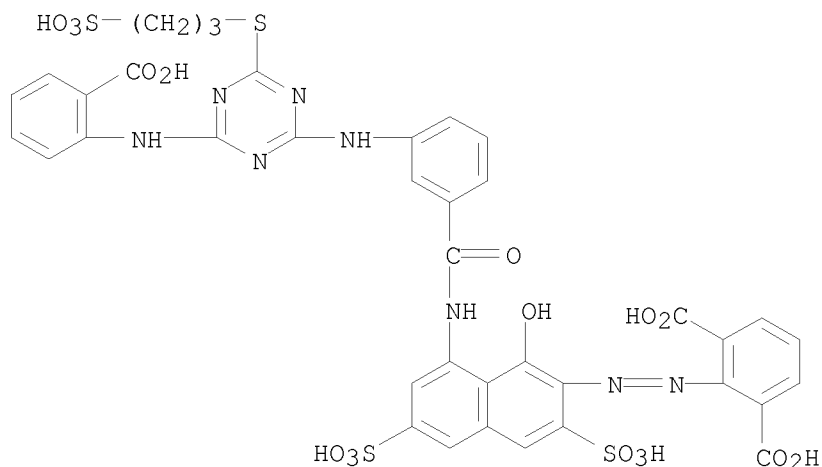
RN 861217-84-7 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4-hydroxy-5-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(5-methoxy-2-sulfophenyl)diazenyl]- (CA INDEX NAME)



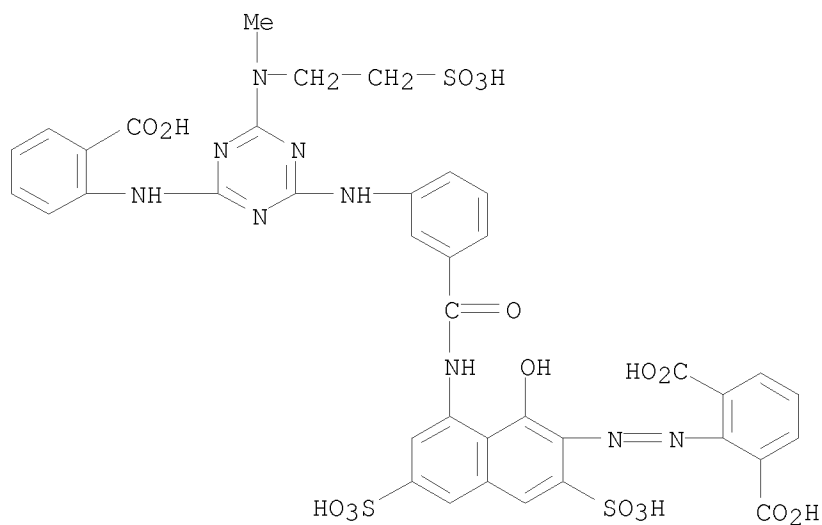
RN 861217-85-8 CAPLUS

CN 1,3-Benzenedicarboxylic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



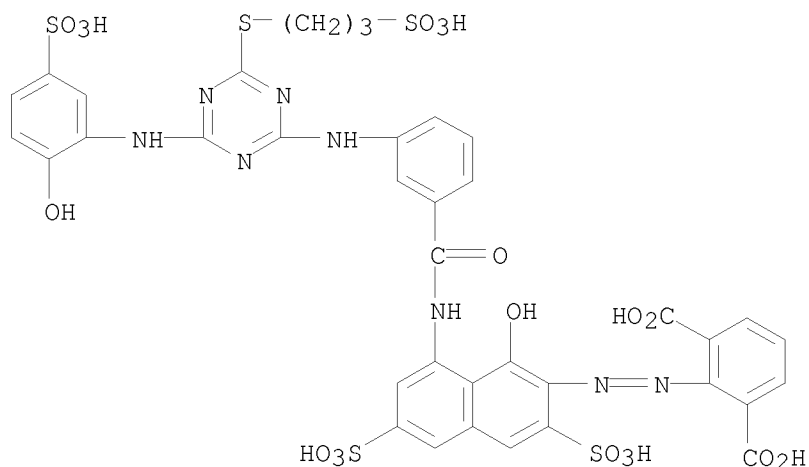
RN 861217-86-9 CAPLUS

CN 1,3-Benzenedicarboxylic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



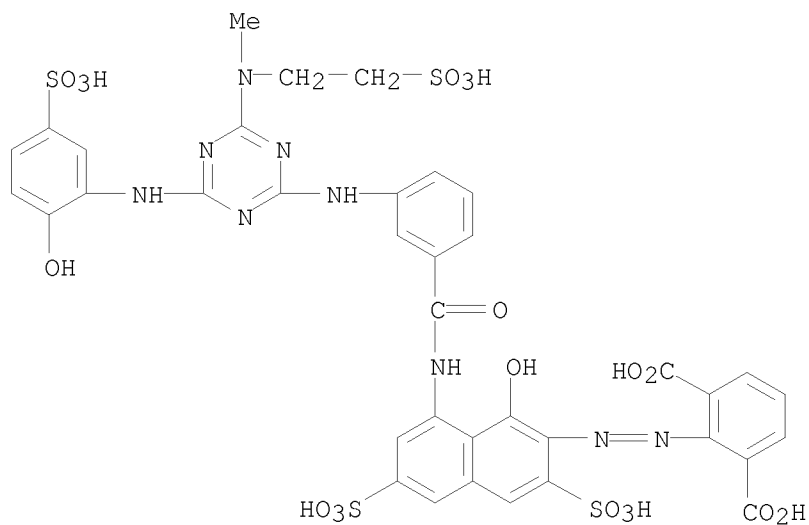
RN 861217-87-0 CAPLUS

CN 1,3-Benzenedicarboxylic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



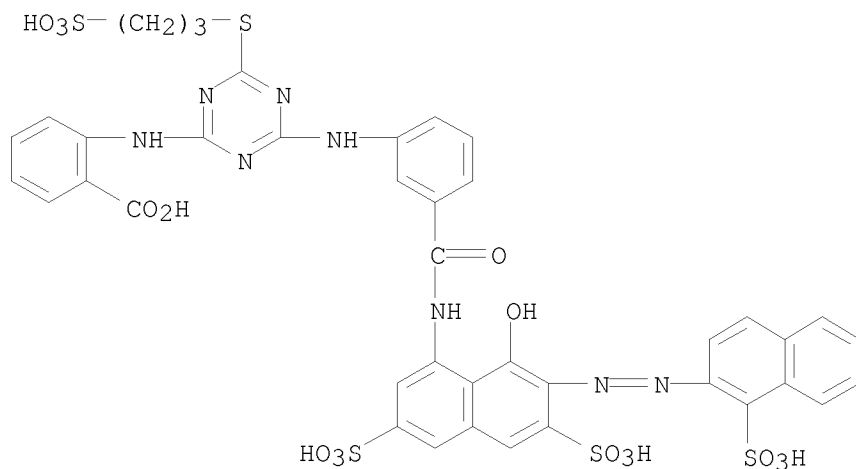
RN 861217-88-1 CAPLUS

CN 1,3-Benzenedicarboxylic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



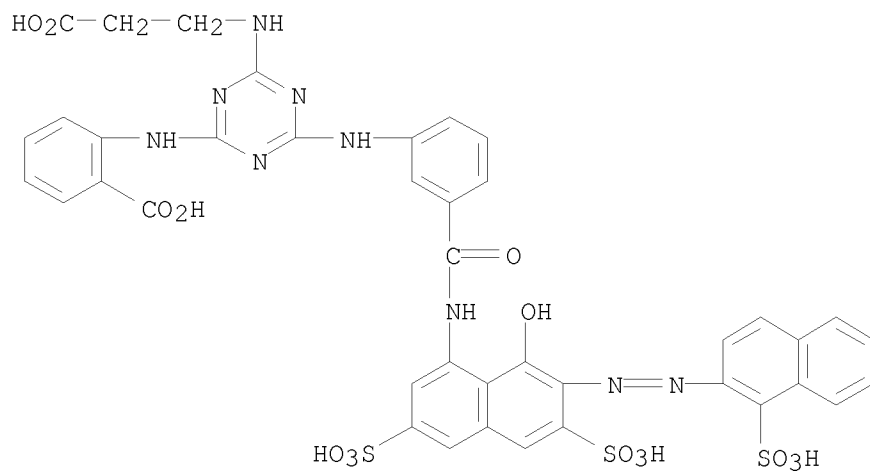
RN 861217-89-2 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(1-sulfo-2-naphthalenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



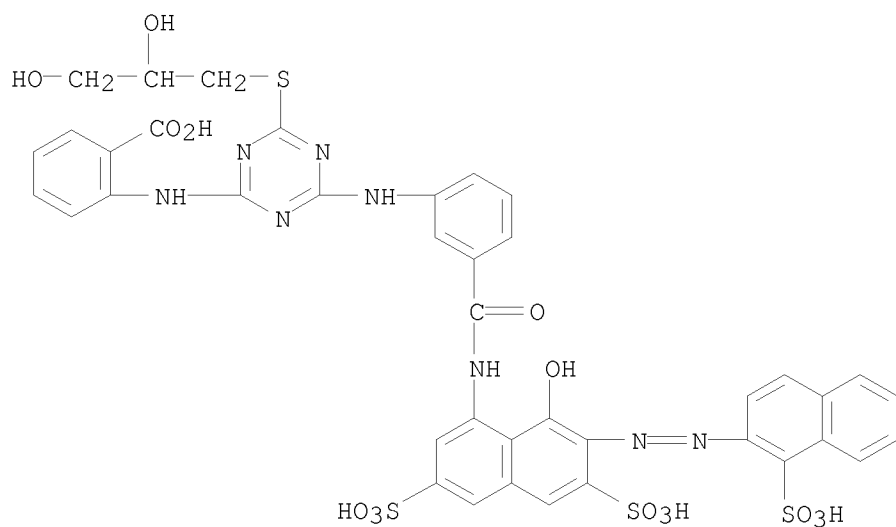
RN 861217-90-5 CAPLUS

CN Benzoic acid, 2-[[4-[(2-carboxyethyl)amino]-6-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(1-sulfo-2-naphthalenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



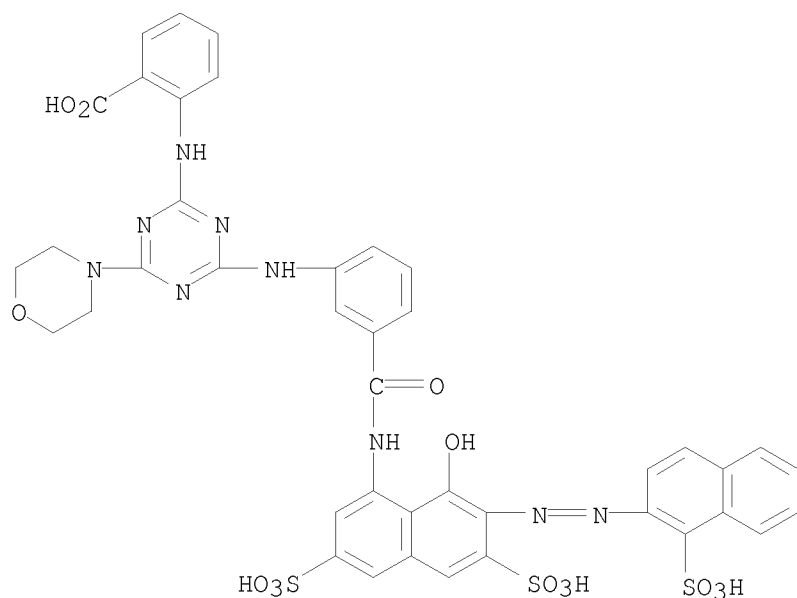
RN 861217-91-6 CAPLUS

CN Benzoic acid, 2-[[4-[(2,3-dihydroxypropyl)thio]-6-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(1-sulfo-2-naphthalenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



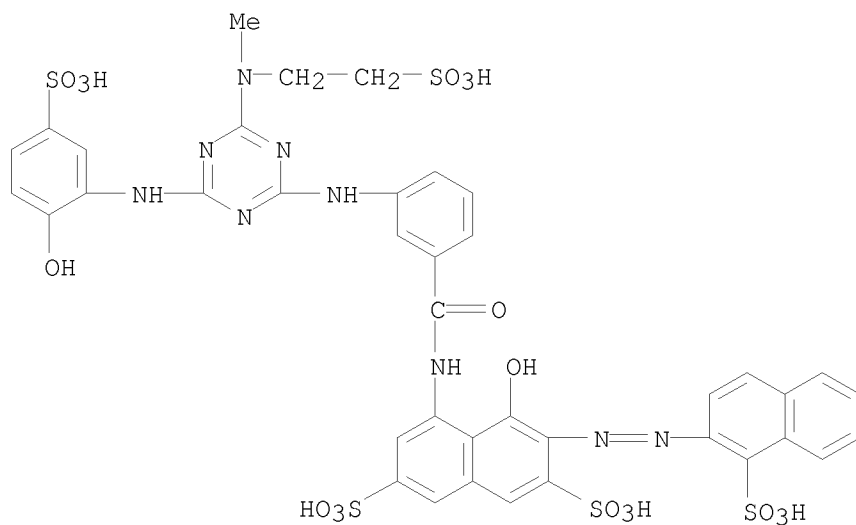
RN 861217-92-7 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(1-sulfo-2-naphthalenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



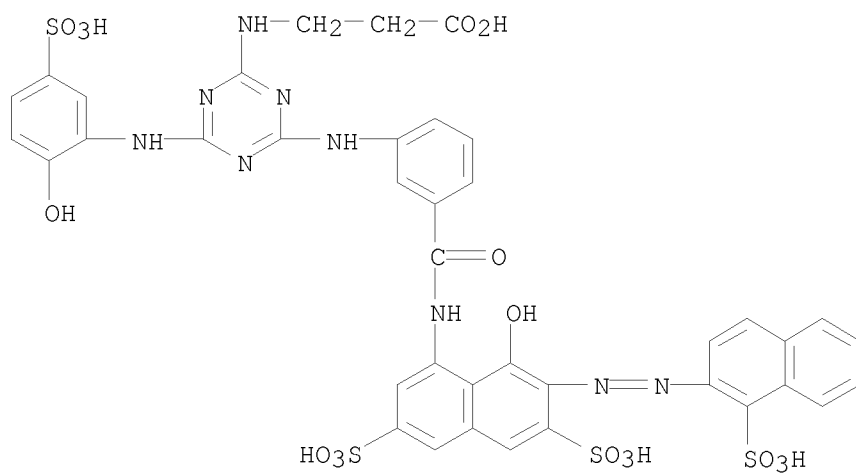
RN 861217-93-8 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4-hydroxy-5-[[3-[[4-[(2-hydroxy-5-sulphophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(1-sulfo-2-naphthalenyl)diazenyl]- (CA INDEX NAME)



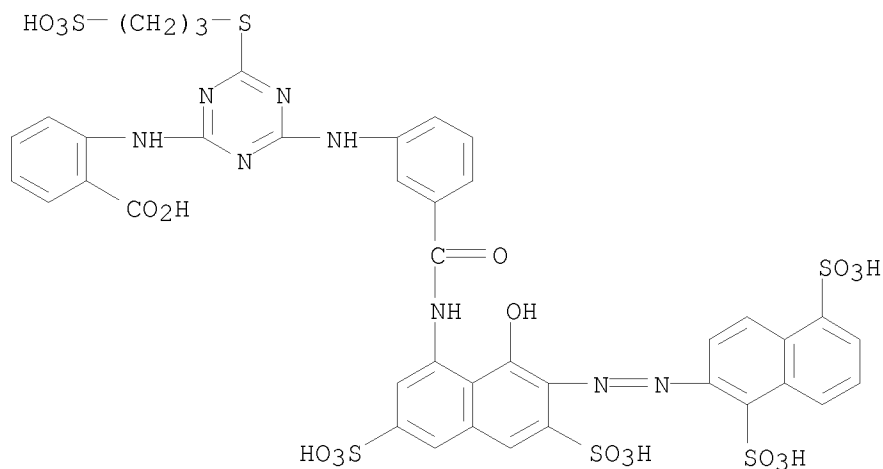
RN 861217-94-9 CAPLUS

CN β -Alanine, N-[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[(1-sulfo-2-naphthalenyl)azo]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)



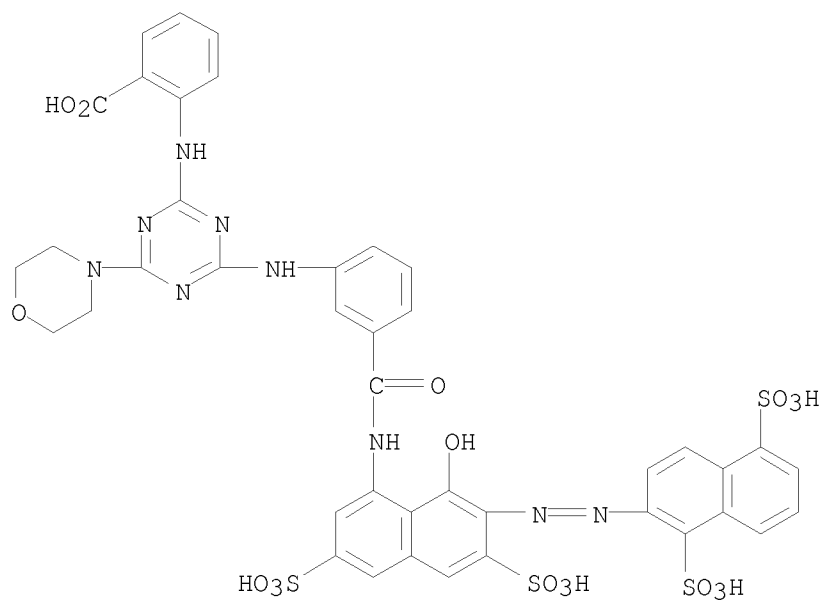
RN 861217-95-0 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[7-[2-(1,5-disulfo-2-naphthalenyl)diazenyl]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



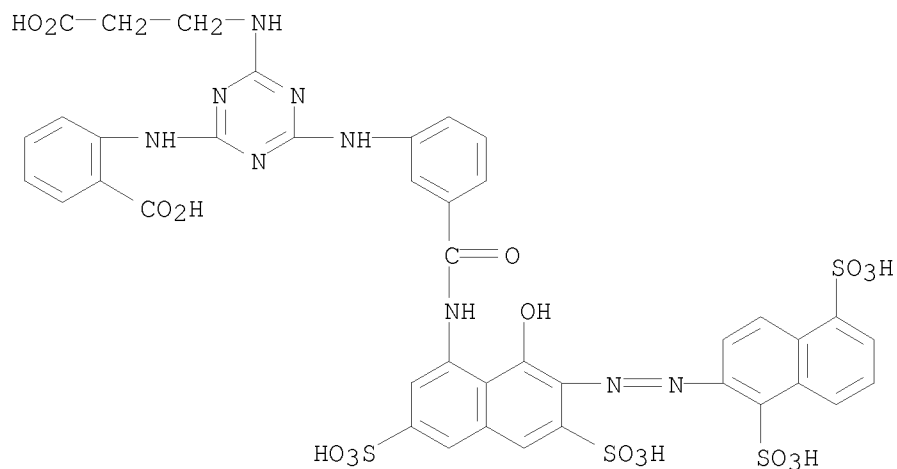
RN 861217-97-2 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[7-[2-(1,5-disulfo-2-naphthalenyl)diazenyl]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-(4-morpholinyl)-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



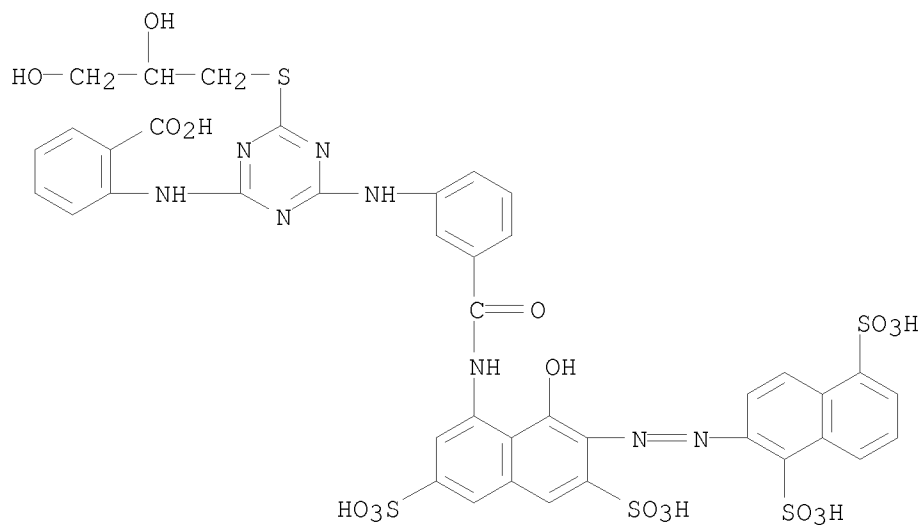
RN 861217-99-4 CAPLUS

CN Benzoic acid, 2-[[4-[(2-carboxyethyl)amino]-6-[[3-[[[7-[2-(1,5-disulfo-2-naphthalenyl)diazenyl]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



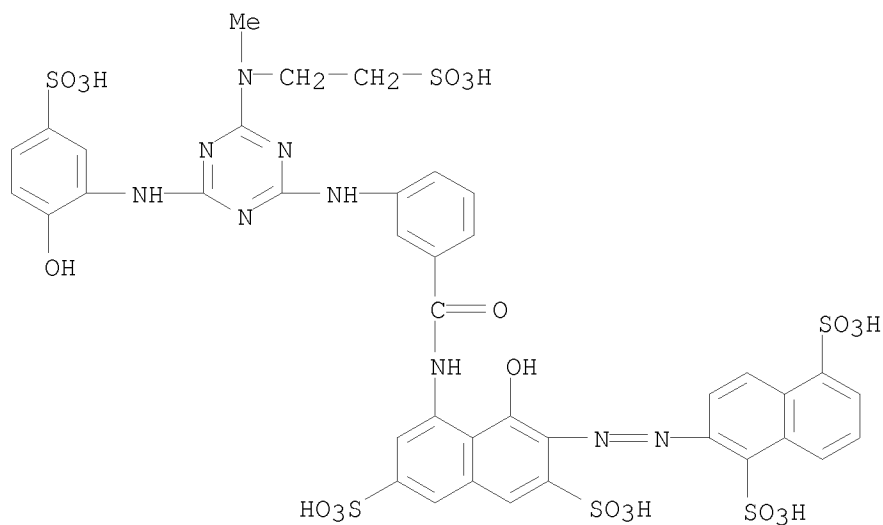
RN 861218-00-0 CAPLUS

CN Benzoic acid, 2-[[4-[(2,3-dihydroxypropyl)thio]-6-[[3-[[[7-[2-(1,5-disulfo-2-naphthalenyl)diazenyl]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



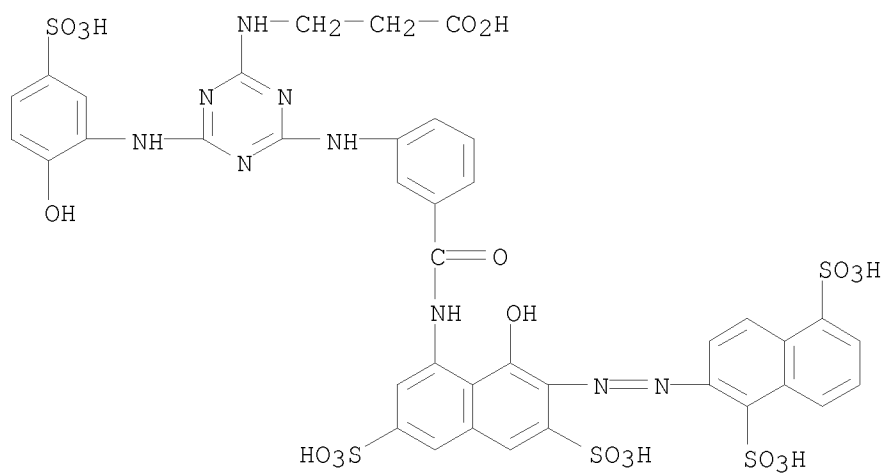
RN 861218-01-1 CAPLUS

CN 1,5-Naphthalenedisulfonic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfoethyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



RN 861218-02-2 CAPLUS

CN β -Alanine, N-[4-[[3-[[[7-[(1,5-disulfo-2-naphthalenyl)azo]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

7

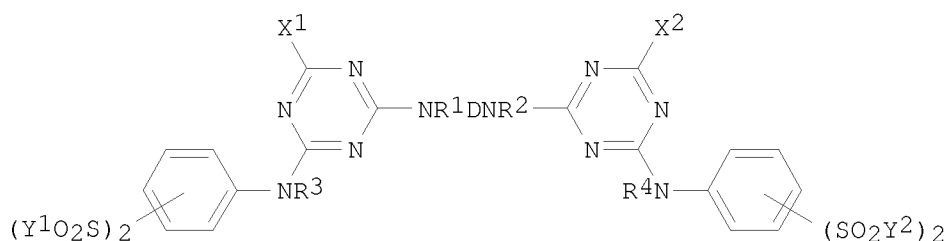
THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1996:256277 CAPLUS
DOCUMENT NUMBER: 124:319668
ORIGINAL REFERENCE NO.: 124:59237a, 59240a
TITLE: Reactive triazine dyes and dyeing or printing of
fibers with them
INVENTOR(S): Omura, Takashi
PATENT ASSIGNEE(S): Sumitomo Chemical Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--------|------------|-----------------|----------|
| JP 08034932 | A | 19960206 | JP 1995-52447 | 19950313 |
| JP 2590778 | B2 | 19970312 | | |
| PRIORITY APPLN. INFO.: | | | JP 1995-52447 | 19950313 |
| OTHER SOURCE(S): | MARPAT | 124:319668 | | |

GI



AB Triazines I [R1-4 = H, (un)substituted alkyl; X1-2 = Cl, F,
(un)substituted aliphatic aromatic amino, C1-4 alkoxy, (un)substituted PhO;
Y1-2
= (CH2)2L, vinyl; D = azo-, anthraquinone-, phthalocyanine-, formazan-, or
dioxazine-type anionic dye residue; L = leaving group activated by alkali]
are prepared and used for dyeing or printing of fibers, especially cotton, to
give

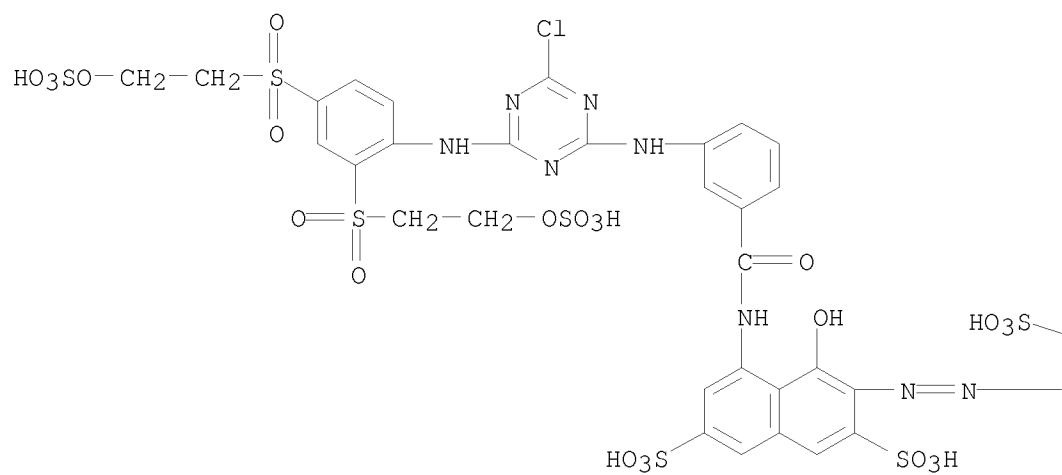
colored fibers with good fastness.

IT 176206-48-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(in preparation of reactive triazine dyes)

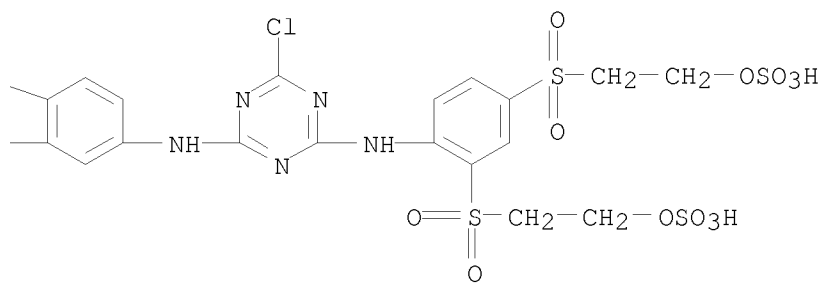
RN 176206-48-7 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4-[[2,4-bis[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-[5-[[4-[[2,4-bis[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]diazenyl]-4-hydroxy- (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



L3 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1995:559678 CAPLUS
DOCUMENT NUMBER: 122:293409
ORIGINAL REFERENCE NO.: 122:53459a,53462a
TITLE: Water-soluble reactive azo dyes, their preparation and their use
INVENTOR(S): Reither, Uwe; Dannheim, Joerg; Russ, Werner Hubert
PATENT ASSIGNEE(S): Hoechst A.-G., Germany
SOURCE: Eur. Pat. Appl., 53 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| EP 624630 | A1 | 19941117 | EP 1994-106831 | 19940502 |
| R: CH, DE, GB, LI | | | | |
| DE 4316001 | A1 | 19941117 | DE 1993-4316001 | 19930513 |
| DE 4318755 | A1 | 19941208 | DE 1993-4318755 | 19930605 |
| JP 07048521 | A | 19950221 | JP 1994-98399 | 19940512 |
| PRIORITY APPLN. INFO.: | | | DE 1993-4316001 | A 19930513 |
| | | | DE 1993-4318755 | A 19930605 |

OTHER SOURCE(S): MARPAT 122:293409

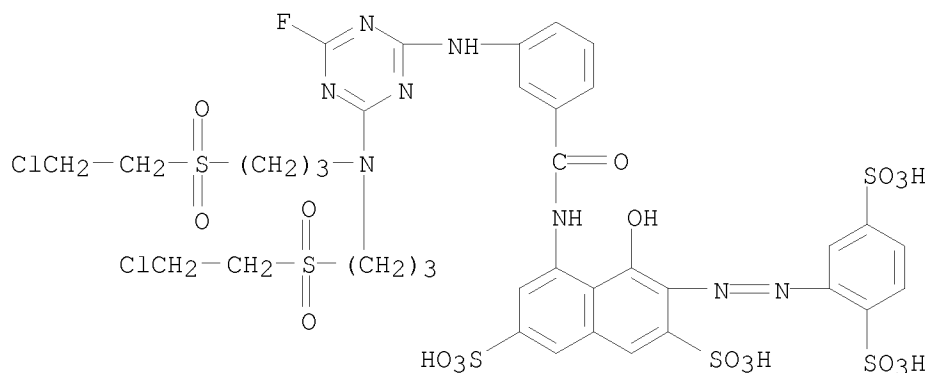
AB The dyes contain ≥ 1 4-chloro(or fluoro)-6-[bis[3-(vinylsulfonyl)propyl]amino]-1,3,5-triazinyl-2-amino group (the vinylsulfonyl group may be replaced by a group convertible thereto) and are obtained for dyeing and printing of textiles in fast shades. Thus, 4-(3,6,8-trisulfo-2-naphthylazo)-3-ureidoaniline was condensed with cyanuric fluoride (1:1) and the product was treated with N,N-bis[3-(2-chloroethylsulfonyl)propyl]amine hydrochloride to give a fast gold-yellow reactive dye (λ_{\max} 418 nm) for cellulosics.

IT 163153-70-6P 163153-71-7P 163153-72-8P
163153-73-9P 163153-74-0P 163153-75-1P
163153-76-2P 163153-77-3P 163154-07-2P
163154-08-3P 163154-09-4P 163154-10-7P
163154-11-8P 163154-12-9P 163154-13-0P
163154-31-2P 163154-32-3P

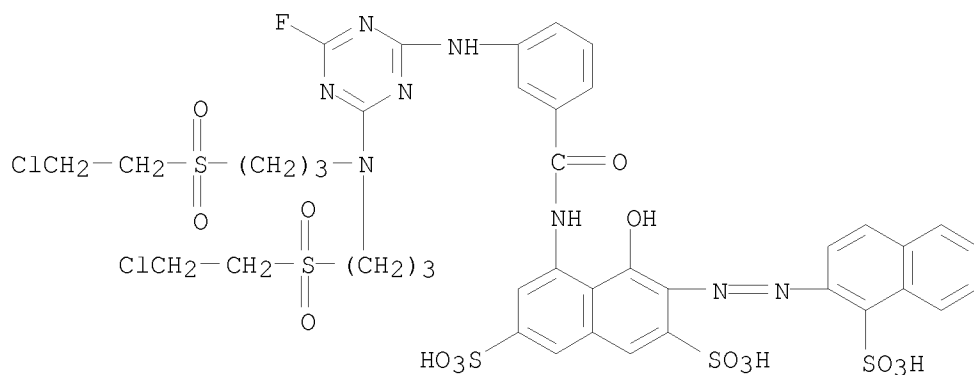
RL: IMF (Industrial manufacture); PREP (Preparation)
(production of water-soluble reactive dyes)

RN 163153-70-6 CAPLUS

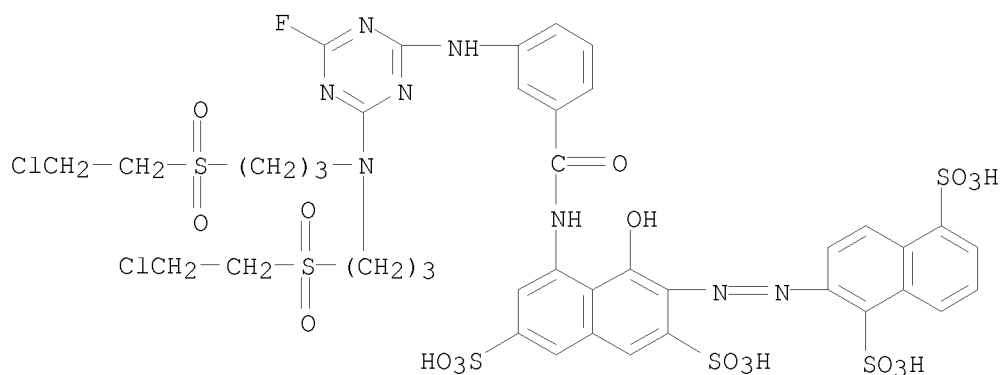
CN 2,7-Naphthalenedisulfonic acid, 5-[[[3-[[4-[bis[3-[(2-chloroethyl)sulfonyl]propyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(2,5-disulfophenyl)diazenyl]-4-hydroxy- (CA INDEX NAME)



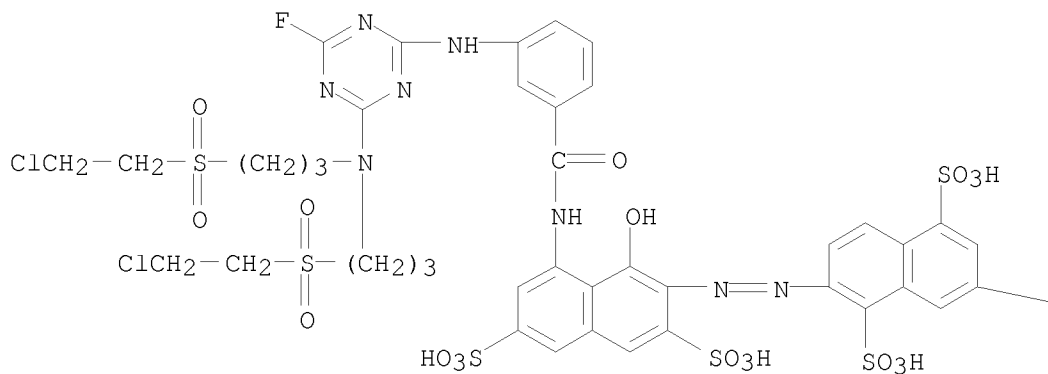
RN 163153-71-7 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4-[bis[3-[(2-chloroethyl)sulfonyl]propyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-4-hydroxy-3-[2-(1-sulfo-2-naphthalenyl)diazenyl]]-(CA INDEX NAME)



RN 163153-72-8 CAPLUS
 CN 1,5-Naphthalenedisulfonic acid, 2-[2-[8-[[3-[[4-[bis[3-[(2-chloroethyl)sulfonyl]propyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]]-(CA INDEX NAME)

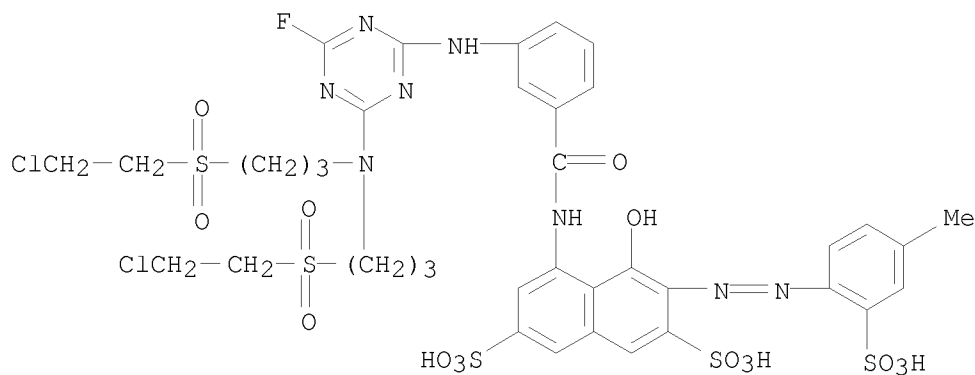


RN 163153-73-9 CAPLUS
 CN 1,3,5-Naphthalenetrisulfonic acid, 6-[2-[8-[[3-[[4-[bis[3-[(2-chloroethyl)sulfonyl]propyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]]-(CA INDEX NAME)



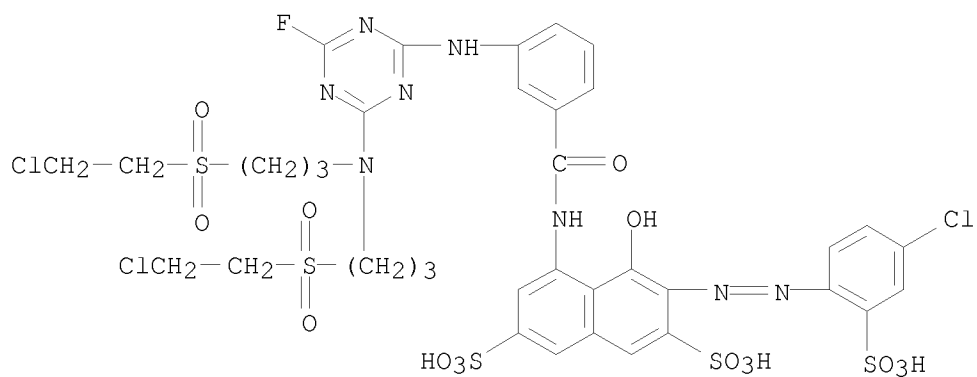
— SO₃H

RN 163153-74-0 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4-[bis[3-[(2-chloroethyl)sulfonyl]propyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-4-hydroxy-3-[2-(4-methyl-2-sulfophenyl)diazenyl]]-(CA INDEX NAME)



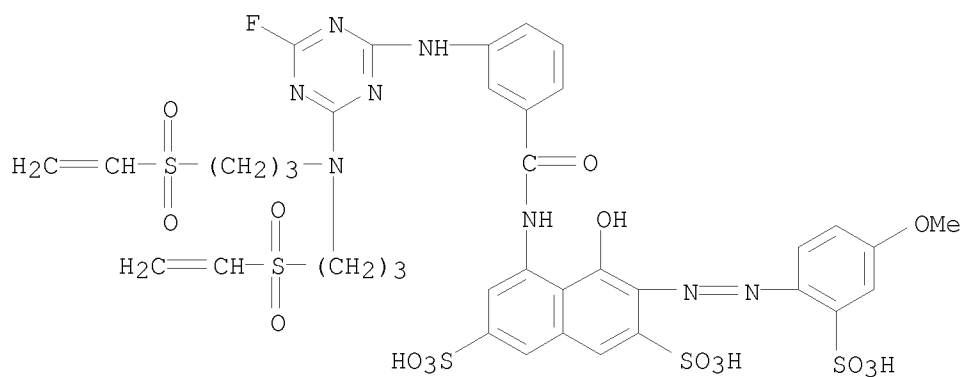
RN 163153-75-1 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4-[bis[3-[(2-chloroethyl)sulfonyl]propyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(4-chloro-2-sulfophenyl)diazenyl]]-4-hydroxy-

(CA INDEX NAME)



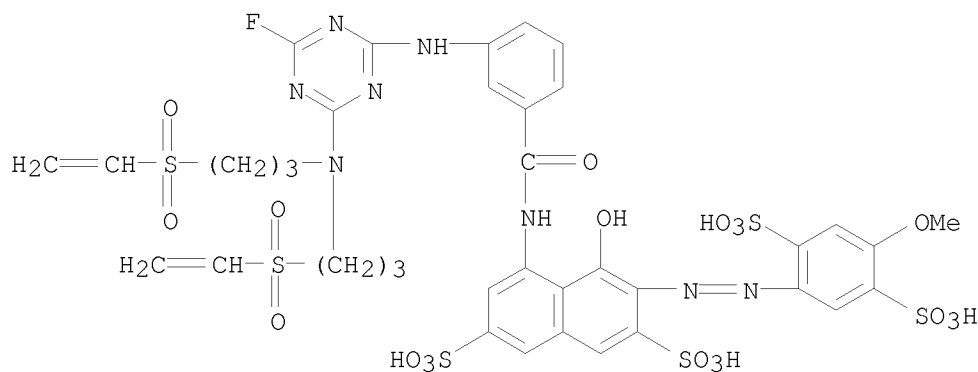
RN 163153-76-2 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4-[bis[3-(ethenylsulfonyl)propyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-4-hydroxy-3-[2-(4-methoxy-2-sulphophenyl)diazenyl]-
(CA INDEX NAME)

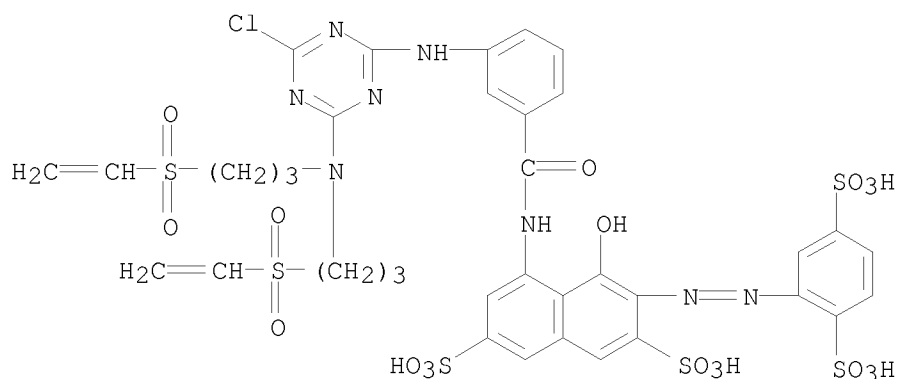


RN 163153-77-3 CAPLUS

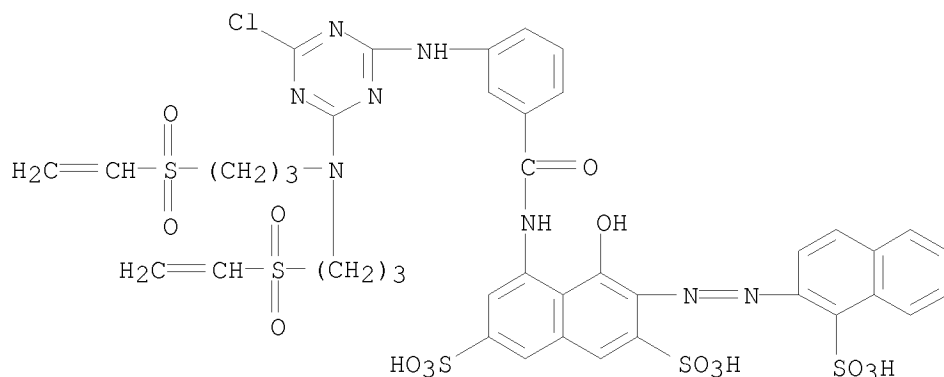
CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4-[bis[3-(ethenylsulfonyl)propyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-4-hydroxy-3-[2-(4-methoxy-2,5-disulphophenyl)diazenyl]-
(CA INDEX NAME)



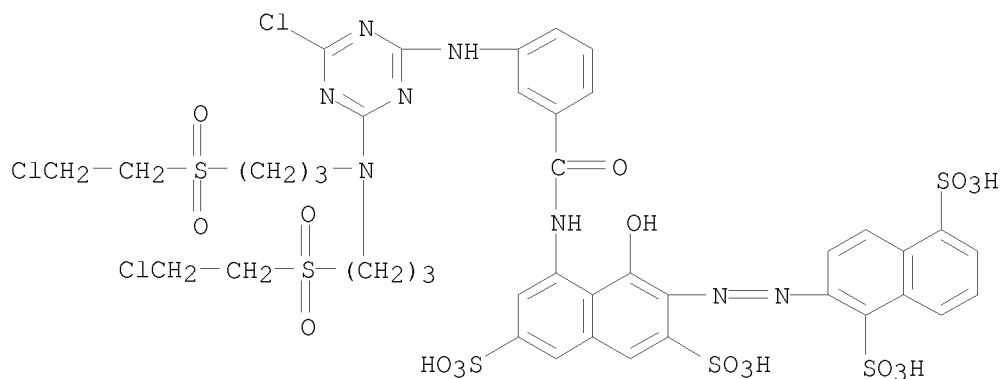
RN 163154-07-2 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4-[bis[3-(ethenylsulfonyl)propyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(2,5-disulfophenyl)diazenyl]-4-hydroxy- (CA INDEX NAME)



RN 163154-08-3 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4-[bis[3-(ethenylsulfonyl)propyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-4-hydroxy-3-[2-(1-sulfo-2-naphthalenyl)diazenyl]- (CA INDEX NAME)

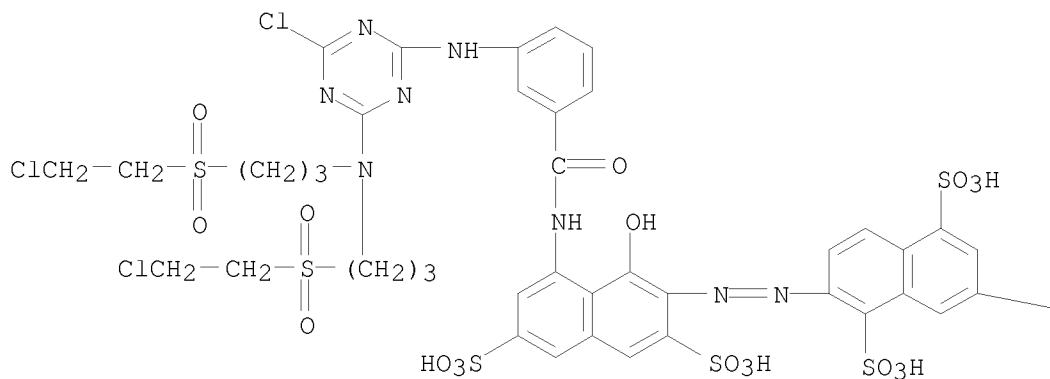


RN 163154-09-4 CAPLUS
 CN 1,5-Naphthalenedisulfonic acid, 2-[2-[8-[[3-[[4-[bis[3-[(2-chloroethyl)sulfonyl]propyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



RN 163154-10-7 CAPLUS
 CN 1,3,5-Naphthalenetrisulfonic acid, 6-[2-[8-[[3-[[4-[bis[3-[(2-chloroethyl)sulfonyl]propyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-(CA INDEX NAME)

PAGE 1-A

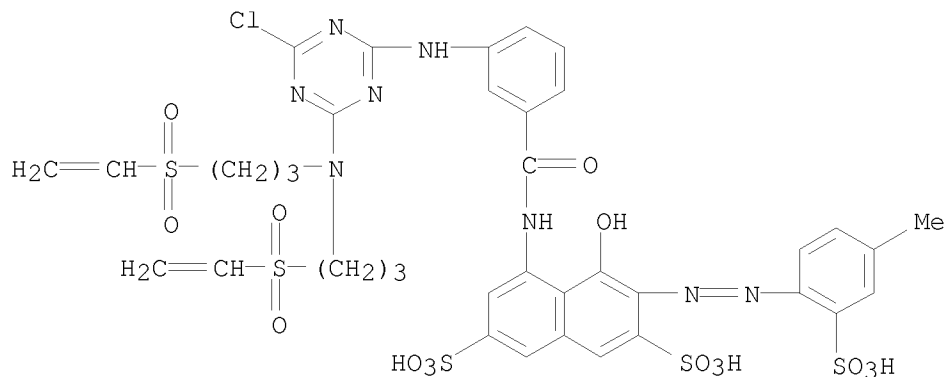


PAGE 1-B

—SO₃H

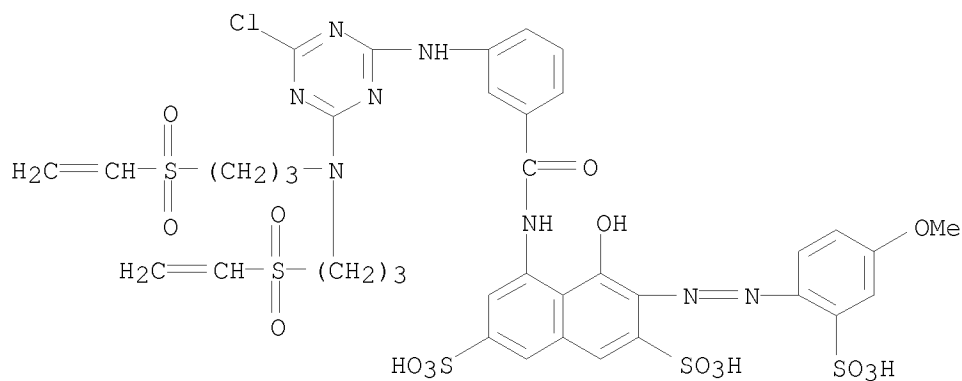
RN 163154-11-8 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4-[bis[3-(ethenylsulfonyl)propyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-4-hydroxy-3-[2-(4-methyl-2-sulfophenyl)diazenyl]-

(CA INDEX NAME)



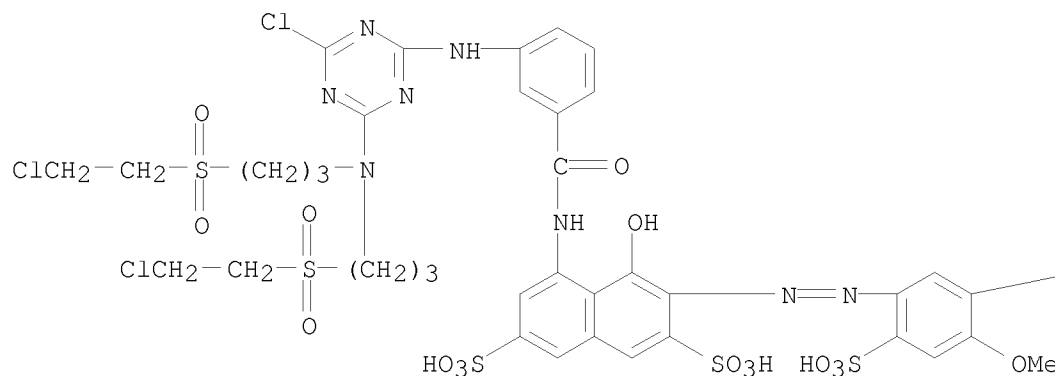
RN 163154-12-9 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4-[bis[3-(ethenylsulfonyl)propyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-4-hydroxy-3-[2-(4-methoxy-2-sulphophenyl)diazenyl]-
(CA INDEX NAME)



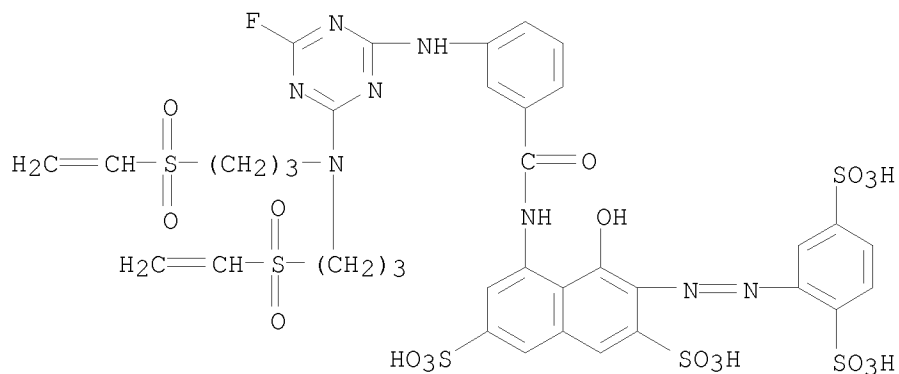
RN 163154-13-0 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4-[bis[3-(2-chloroethyl)sulfonyl]propyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-4-hydroxy-3-[2-(4-methoxy-2,5-disulphophenyl)diazenyl]-
(CA INDEX NAME)

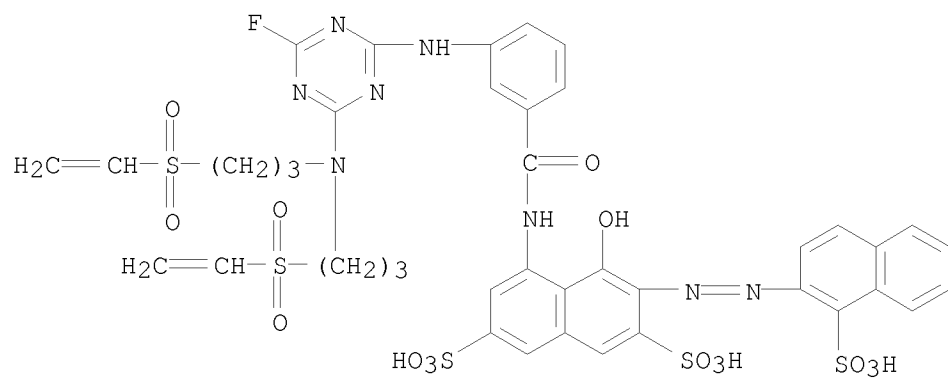


—SO₃H

RN 163154-31-2 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4-[bis[3-(ethenylsulfonyl)propyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(2,5-disulfophenyl)diazenyl]-4-hydroxy- (CA INDEX NAME)



RN 163154-32-3 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4-[bis[3-(ethenylsulfonyl)propyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]benzoyl]amino]-4-hydroxy-3-[2-(1-sulfo-2-naphthalenyl)diazenyl]- (CA INDEX NAME)



L3 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1988:188429 CAPLUS
DOCUMENT NUMBER: 108:188429
ORIGINAL REFERENCE NO.: 108:30961a,30964a
TITLE: Monoazo dyes containing triazinyl, sulfonic acid, and
basic groups
INVENTOR(S): Pedrazzi, Reinhard
PATENT ASSIGNEE(S): Sandoz A.-G., Switz.
SOURCE: Brit. UK Pat. Appl., 23 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------------|------|----------|-----------------|------------|
| GB 2191210 | A | 19871209 | GB 1987-13016 | 19870603 |
| GB 2191210 | B | 19900516 | | |
| CH 672923 | A5 | 19900115 | CH 1987-2083 | 19870602 |
| FR 2599747 | A1 | 19871211 | FR 1987-7868 | 19870604 |
| FR 2599747 | B1 | 19881110 | | |
| JP 62292860 | A | 19871219 | JP 1987-140126 | 19870605 |
| JP 2525813 | B2 | 19960821 | | |
| US 4875903 | A | 19891024 | US 1987-58434 | 19870605 |
| PRIORITY APPLN. INFO.: GI | | | DE 1986-3619198 | A 19860607 |

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. I [R1 = H, (un)substituted C1-4 alkyl; X1, X3 = halogen, OH, NH2, C1-4 alkyl, C1-4 alkoxy, Ph, PhO, aliphatic amino, cycloaliph. amino, aromatic amino, heterocyclic amino; X2, X4 = aliphatic amino, cycloaliph. amino, aromatic amino, heterocyclic amino; m = 0, 1; n1, n2 = 0, 1 such that n1 + n2 = 1 or 2] are prepared and are useful for dyeing or printing of HO group or N-containing organic substrates or leather or for the manufacture of inks.

Thus, 2,4-bis(3-N,N-diethylaminopropylamino)-6-chlorotriazine (II) was condensed with 1,4-(H2N)2C6H3SO3H-2, the condensate diazotized and coupled with the condensation product of II and 1-(3-aminobenziaido)-8-hydroxy-3,6-naphthalenedisulfonic acid to give III, which was very soluble in acid to weakly alkaline aqueous media and which, in acid addition salt form, dyed paper in a fast, brilliant violet shade.

IT 114192-38-0P
RL: PREP (Preparation)
(manufacture of, as violet dye for paper)

RN 114192-38-0 CAPLUS

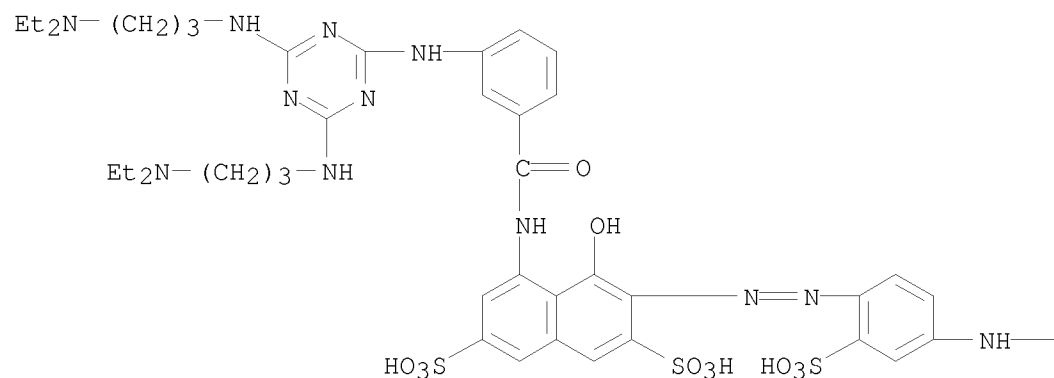
CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4,6-bis[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[[4-[[4,6-bis[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-4-hydroxy-, monoformate (salt) (9CI) (CA INDEX NAME)

CM 1

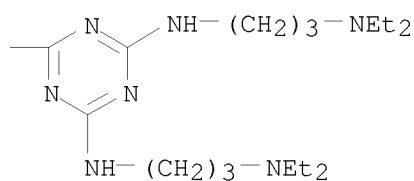
CRN 113722-68-2

CMF C57 H85 N19 O11 S3

PAGE 1-A



PAGE 1-B



CM 2

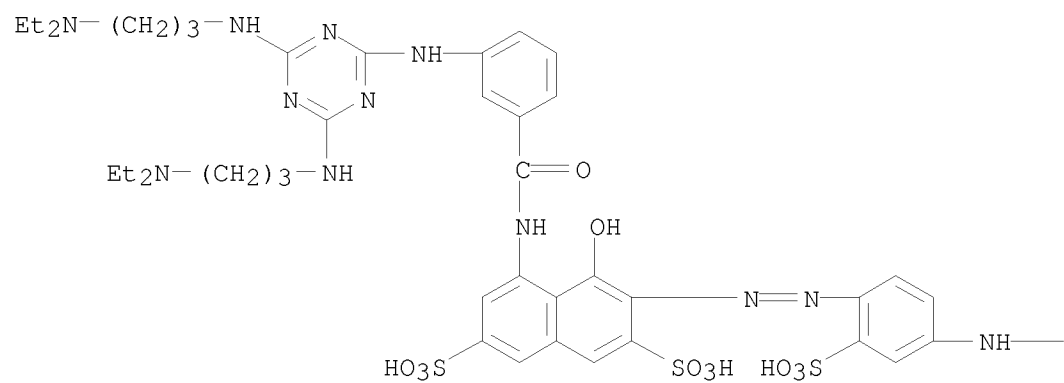
CRN 64-18-6

CMF C H2 O2

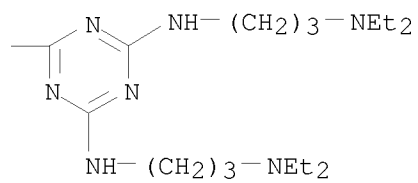
O=CH-OH

IT 113722-68-2P
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and neutralization of, with acids, as violet dye for paper)
 RN 113722-68-2 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4,6-bis[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[[4-[[4,6-bis[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-4-hydroxy- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



L3 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1988:152143 CAPLUS
DOCUMENT NUMBER: 108:152143
ORIGINAL REFERENCE NO.: 108:24984h,24985a
TITLE: Triazine-containing monoazo dyes for paper, leather,
or textiles
INVENTOR(S): Pedrazzi, Reinhard
PATENT ASSIGNEE(S): Sandoz-Patent-G.m.b.H., Fed. Rep. Ger.
SOURCE: Ger. Offen., 24 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|----------|------------|-----------------|-------------|
| DE 3717869 | A1 | 19871210 | DE 1987-3717869 | 19870527 |
| CH 672923 | A5 | 19900115 | CH 1987-2083 | 19870602 |
| FR 2599747 | A1 | 19871211 | FR 1987-7868 | 19870604 |
| FR 2599747 | B1 | 19881110 | | |
| JP 62292860 | A | 19871219 | JP 1987-140126 | 19870605 |
| JP 2525813 | B2 | 19960821 | | |
| US 4875903 | A | 19891024 | US 1987-58434 | 19870605 |
| PRIORITY APPLN. INFO.: | | | DE 1986-3619198 | A1 19860607 |
| OTHER SOURCE(S): | CASREACT | 108:152143 | | |
| GI | | | | |

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

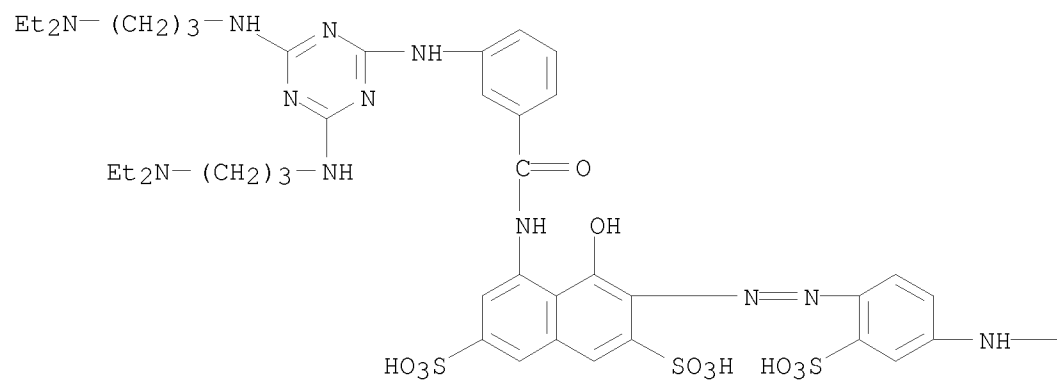
AB The title compds. I [R1 = H, (un)substituted C1-4 alkyl; X1, X3 = halogen, OH, NH2, alkyl, alkoxy, Ph, PhO or X1, X2 = aliphatic, cycloaliph., aromatic, and heterocyclic amino all of which can form (quaternary) ammonium group; X2, X4 = aliphatic, cycloaliph., aromatic, and heterocyclic amino all of which can form (quaternary) ammonium group; m = 0, 1; n, p = 0, 1; such that n + p = 1 or 2], useful for the manufacture of inks, for the dyeing of glass or glass products, and for the dyeing or printing of paper, leather, or textile materials, are prepared Thus, 2,4-bis[3-(N,N-diethylamino)propylamino]-6-chlorotriazine (II) was condensed with 1,4-diamino-2-benzenesulfonic acid, the intermediate diazotized and coupled with the condensate formed from II and 1-(3-aminobenzoylamino)-8-hydroxy-3,6-naphthalenedisulfonic acid, forming III, which dyed paper in a brilliant, fast violet shade.

IT 113722-68-2P
RL: PREP (Preparation)
(manufacture of, as violet dye)

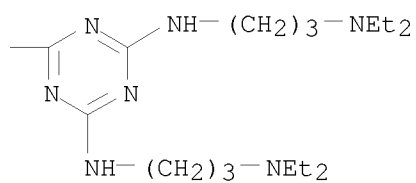
RN 113722-68-2 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 5-[[[3-[[[4,6-bis[[3-(diethylamino)propylamino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[[4-[[[4,6-bis[[3-(diethylamino)propylamino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-4-hydroxy- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



L3 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1987:157966 CAPLUS
DOCUMENT NUMBER: 106:157966
ORIGINAL REFERENCE NO.: 106:25718h,25719a
TITLE: Reactive disazo dyes
INVENTOR(S): Hibara, Toshio
PATENT ASSIGNEE(S): Mitsubishi Chemical Industries Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------------|------|----------|-----------------|----------|
| JP 61272270 | A | 19861202 | JP 1985-113197 | 19850528 |
| PRIORITY APPLN. INFO.: GI | | | JP 1985-113197 | 19850528 |

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. I (R = benzene or naphthalene moiety; R1 = H, alkyl; R2, R3 = H, alkyl, alkoxy, halo, SO₃M; Z = aromatic or aliphatic group; M = H, alkali metal), useful for 1-step dyeing of cellulose-polyester fiber blends, are prepared II was condensed with 1,4-(H₂N)₂C₆H₄ followed by reaction with 3-H₂NC₆H₄SO₂(CH₂)₂OSO₃H forming III (Z1 = p-C₆H₄), λ_{max} (H₂O) 517 nm, which was used for dyeing a cotton-polyester blend in one bath with anthraquinone dyes.

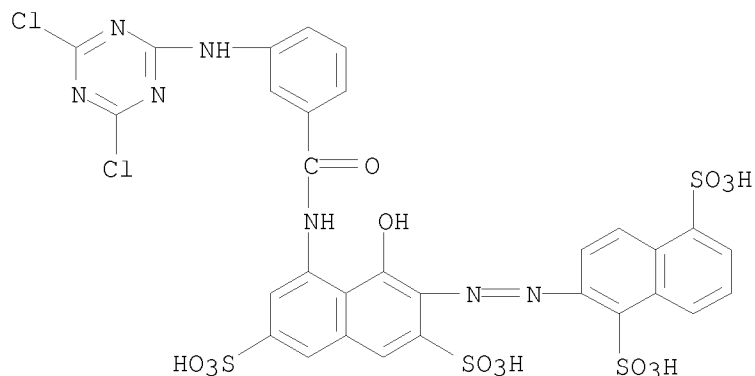
IT 107881-71-0

RL: USES (Uses)

(condensation of, with diamines, reactive disazo dyes from)

RN 107881-71-0 CAPLUS

CN 1,5-Naphthalenedisulfonic acid, 2-[[8-[[3-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]azo]- (9CI)
(CA INDEX NAME)



IT 107881-50-5P 107881-55-0P 107881-56-1P

107881-62-9P 107900-66-3P

RL: PREP (Preparation)

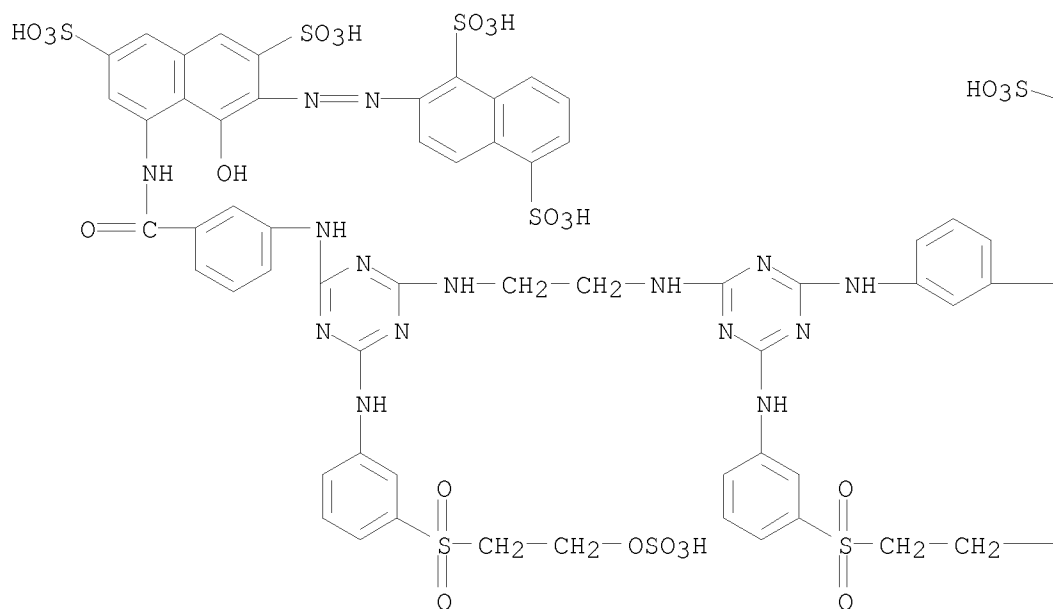
(manufacture of, as reactive dye for cotton-polyester blends)

RN 107881-50-5 CAPLUS

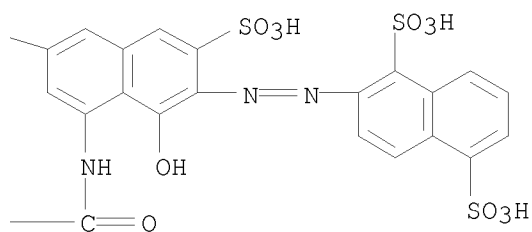
CN 1,5-Naphthalenedisulfonic acid, 2,2'-[1,2-ethanediylbis[imino[6-[[3-[[2-

(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-3,1-phenylenecarbonylimino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo]]bis-(9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

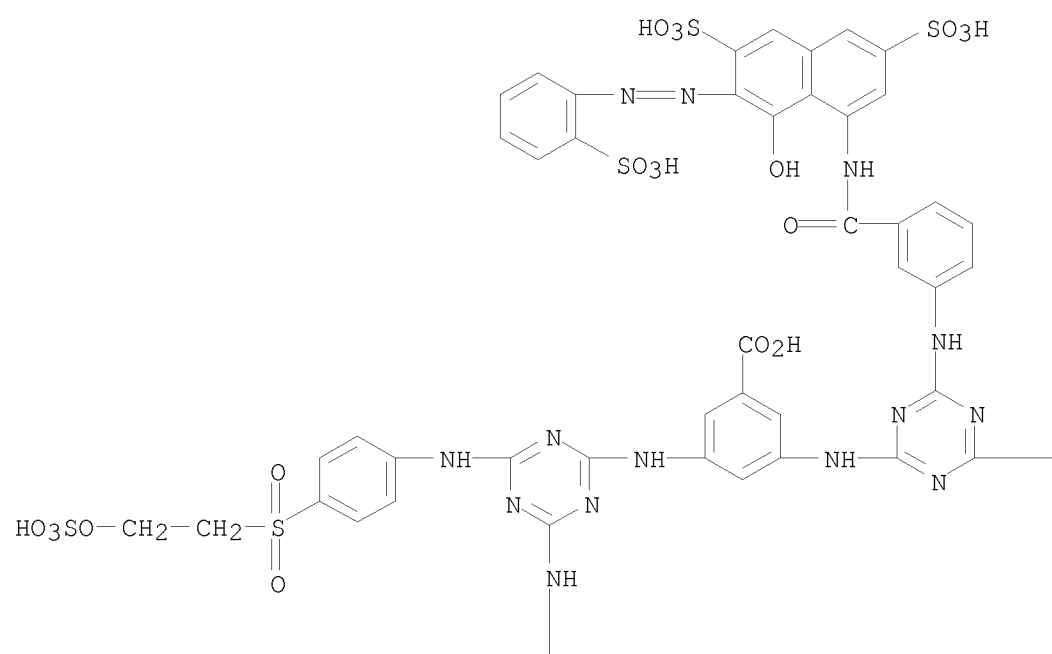


—OSO₃H

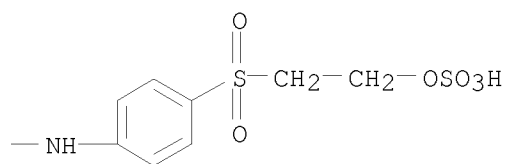
RN 107881-55-0 CAPLUS

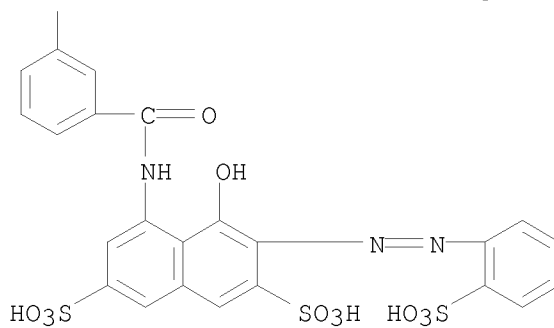
CN Benzoic acid, 3,5-bis[[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[(2-sulfophenyl)azo]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
(CA INDEX NAME)

PAGE 1-A

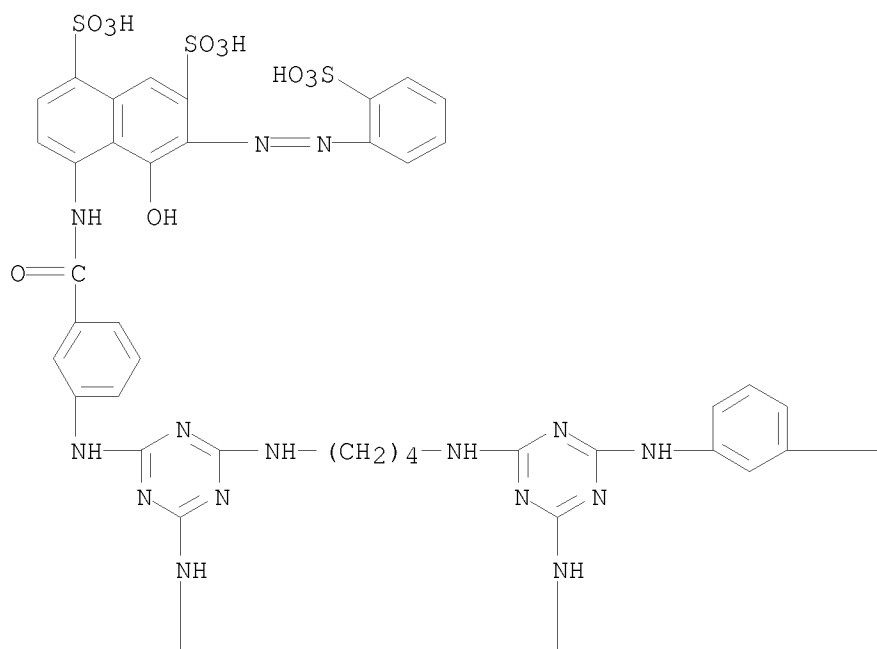


PAGE 1-B

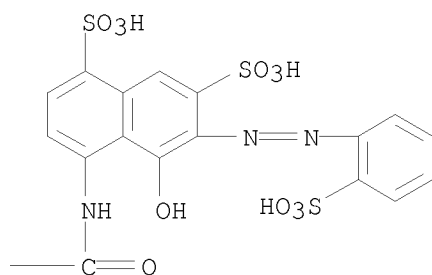




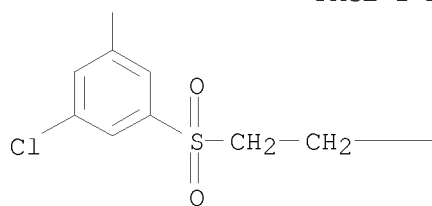
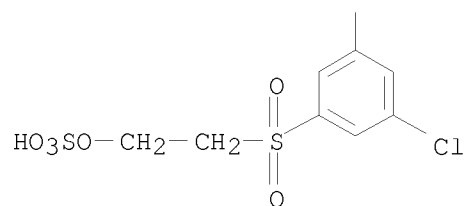
RN 107881-56-1 CAPLUS
 CN 1,7-Naphthalenedisulfonic acid, 4,4'-[1,4-butanediylbis[imino[6-[[3-chloro-5-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]-3,1-phenylenecarbonylimino]]bis[5-hydroxy-6-[(2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)



PAGE 1-B



PAGE 2-A

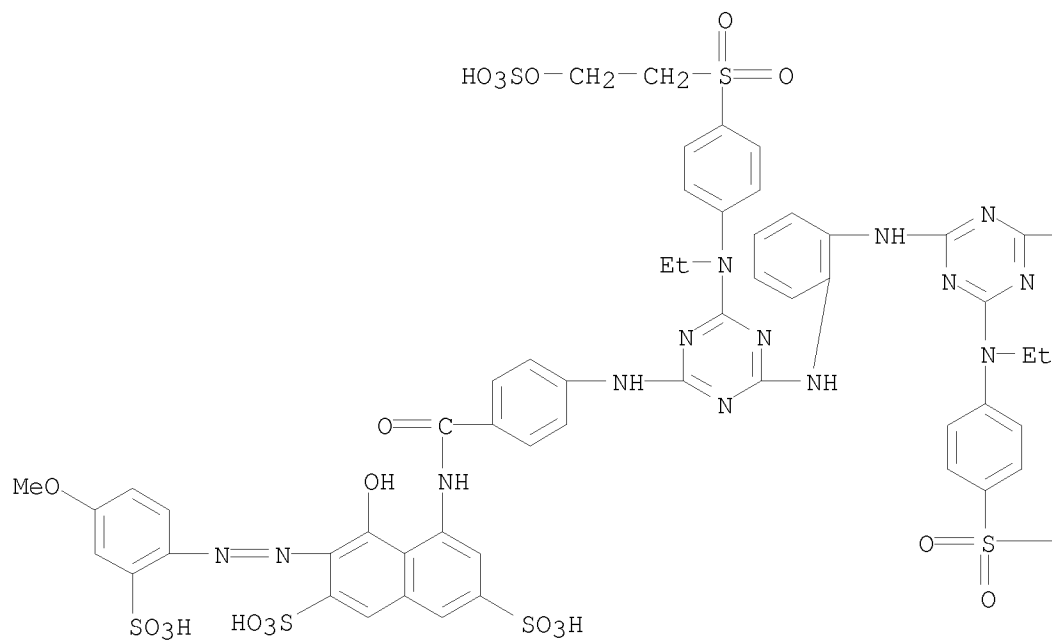


PAGE 2-B

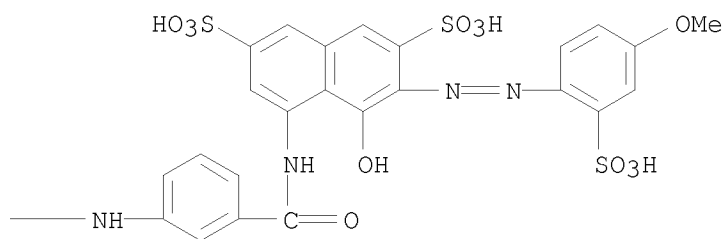
—OSO₃H

RN 107881-62-9 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,2-phenylenebis[imino[6-[ethyl[4-
 [[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]-
 3,1-phenylenecarbonylimino]]bis[5-hydroxy-6-[(4-methoxy-2-sulphophenyl)azo]-
 (9CI) (CA INDEX NAME)

PAGE 1-A



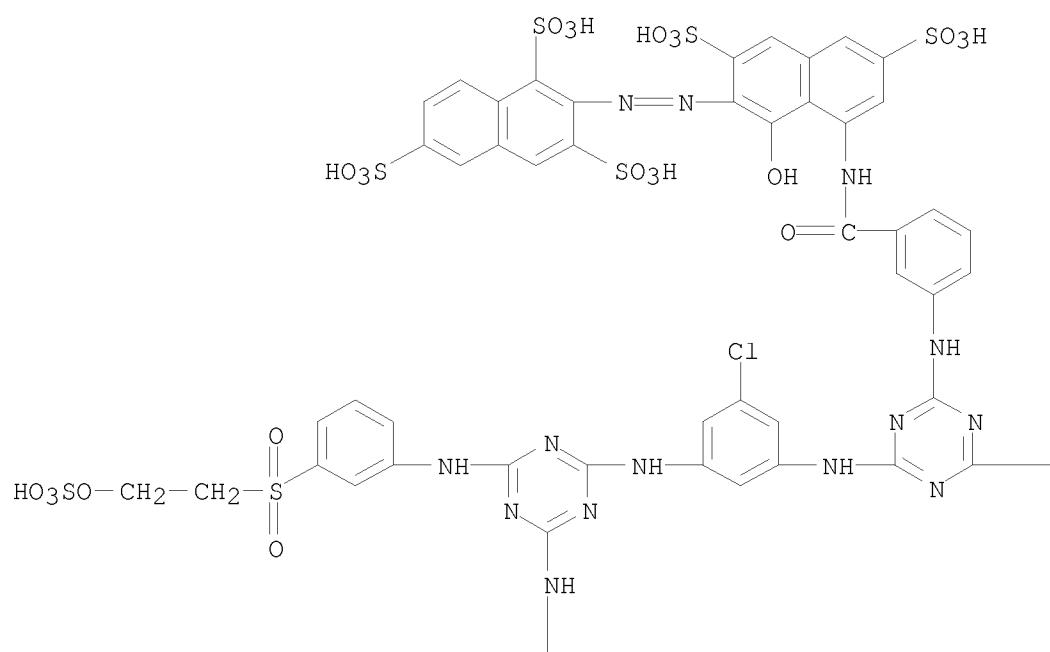
PAGE 1-B



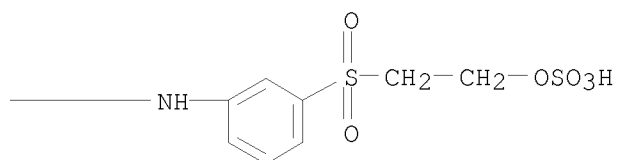
—CH₂—CH₂—OSO₃H

RN 107900-66-3 CAPLUS
 CN 1,3,6-Naphthalenetrisulfonic acid, 2,2'-[(5-chloro-1,3-phenylene)bis[imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-3,1-phenylenecarbonylimino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo]]bis- (9CI) (CA INDEX NAME)

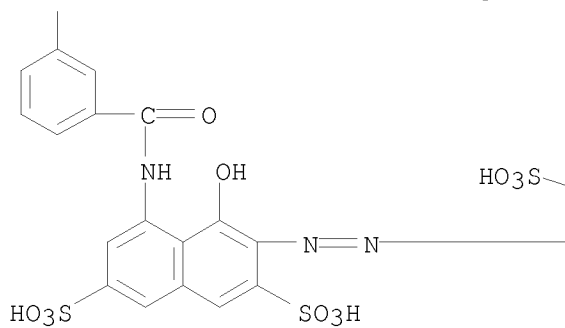
PAGE 1-A



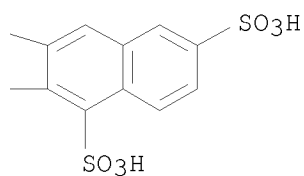
PAGE 1-B



PAGE 2-A

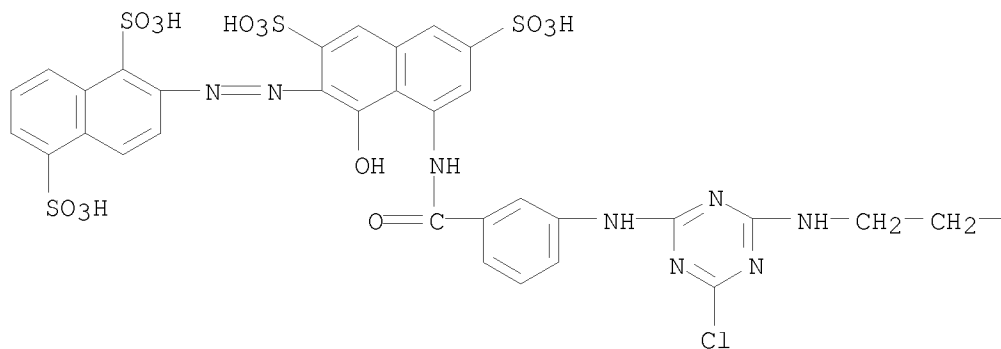


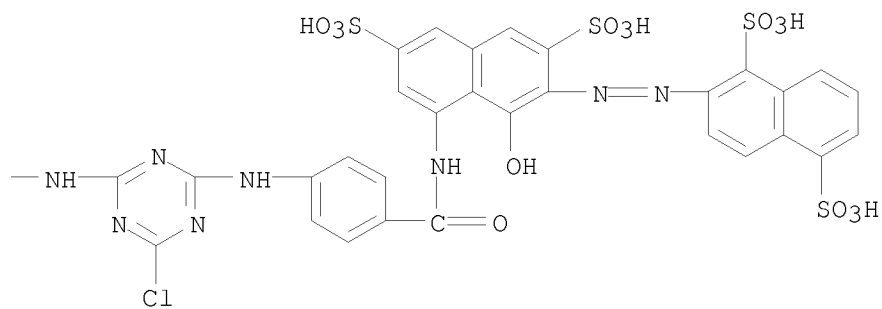
PAGE 2-B



IT 107881-73-2P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and condensation of, with anilines, reactive disazo dyes from)
 RN 107881-73-2 CAPLUS
 CN 1,5-Naphthalenedisulfonic acid, 2,2'-[1,2-ethanediylbis[imino(6-chloro-1,3,5-triazine-4,2-diyl)imino-3,1-phenylenecarbonylimino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo]]bis- (9CI) (CA INDEX NAME)

PAGE 1-A



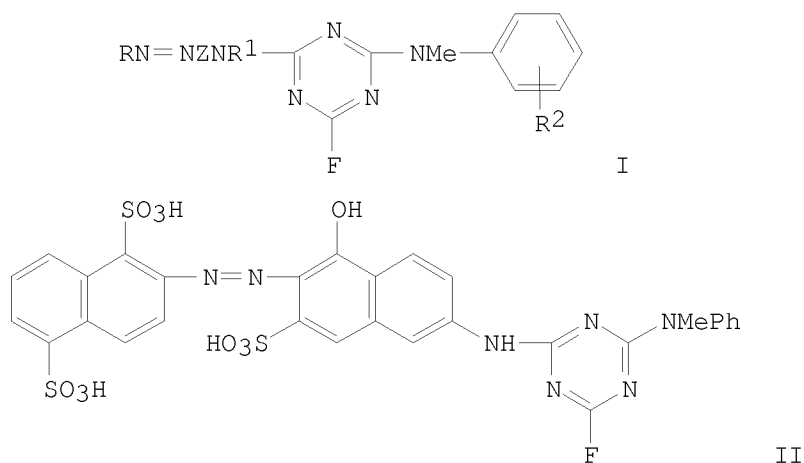


L3 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1979:440895 CAPLUS
DOCUMENT NUMBER: 91:40895
ORIGINAL REFERENCE NO.: 91:6665a,6668a
TITLE: Fiber-reactive azo dyes
PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.
SOURCE: Belg., 25 pp.
CODEN: BEXXAL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| ----- | ---- | ----- | ----- | ----- |
| BE 870356 | A1 | 19790312 | BE 1978-190381 | 19780911 |
| CH 635859 | A5 | 19830429 | CH 1978-7840 | 19780720 |
| FR 2402687 | A1 | 19790406 | FR 1978-26028 | 19780911 |
| FR 2402687 | B1 | 19800905 | | |
| BR 7805897 | A | 19790502 | BR 1978-5897 | 19780911 |
| CA 1111025 | A1 | 19811020 | CA 1978-311074 | 19780911 |
| GB 2003911 | A | 19790321 | GB 1978-36529 | 19780912 |
| GB 2003911 | B | 19820407 | | |
| JP 54050529 | A | 19790420 | JP 1978-111379 | 19780912 |
| JP 60018703 | B | 19850511 | | |
| AU 7839776 | A | 19800320 | AU 1978-39776 | 19780912 |
| CS 196434 | B2 | 19800331 | CS 1978-5876 | 19780912 |
| US 4866162 | A | 19890912 | US 1986-914556 | 19861002 |
| PRIORITY APPLN. INFO.: | | | LU 1977-78115 | A 19770912 |
| | | | US 1978-940687 | A1 19780908 |
| | | | US 1980-179318 | A1 19800818 |
| | | | US 1982-408564 | A1 19820816 |
| | | | US 1984-604803 | A1 19840427 |
| | | | US 1985-728112 | A1 19850429 |

GI



AB Fiber-reactive azo dyes (I; R = naphthalene residue; Z = coupler residue; R1 = H, Me; R2 = H, Me, Et) or their metal complexes are prepared and used to dye cotton fast orange to red shades. Thus, 1,5,2-(NaO3S)2C10H5NH2 → 2,4,7-(NaO3S)(HO)C10H5NH2 [41131-49-1] was treated with cyanuric

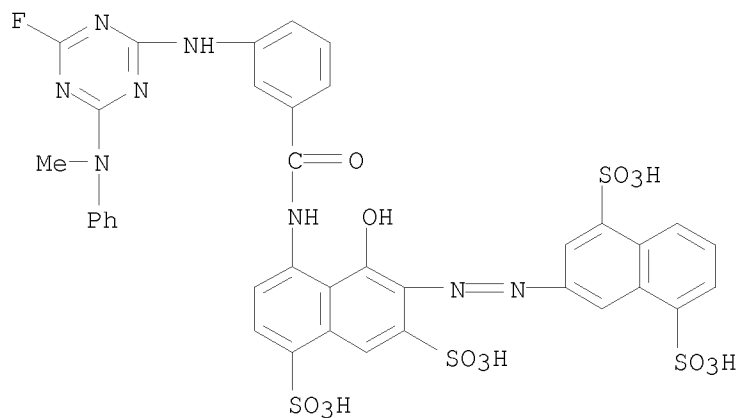
fluoride [675-14-9] and, on completion of condensation, was treated with N-methylaniline [100-61-8] to give II [70571-70-9], dyeing cotton a fast orange shade.

IT 70266-41-0

RL: TEM (Technical or engineered material use); USES (Uses)
(dye, for cotton, preparation of)

RN 70266-41-0 CAPLUS

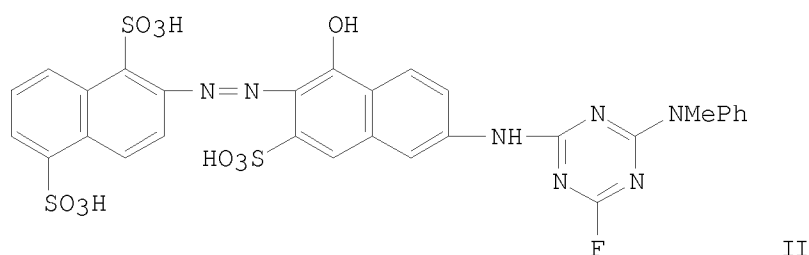
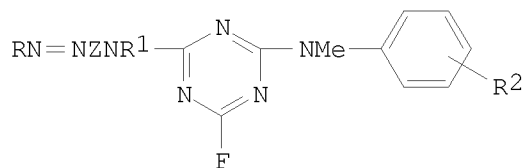
CN 1,5-Naphthalenedisulfonic acid, 3-[[8-[[3-[[4-fluoro-6-(methylphenylamino)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,5-disulfo-2-naphthalenyl]azo]- (9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1979:205776 CAPLUS
 DOCUMENT NUMBER: 90:205776
 ORIGINAL REFERENCE NO.: 90:32749a,32752a
 TITLE: Azo dyes
 INVENTOR(S): Seiler, Herbert; Hegar, Gert
 PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.
 SOURCE: Ger. Offen., 30 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| DE 2839209 | A1 | 19790315 | DE 1978-2839209 | 19780908 |
| DE 2839209 | C2 | 19860724 | | |
| CH 635859 | A5 | 19830429 | CH 1978-7840 | 19780720 |
| FR 2402687 | A1 | 19790406 | FR 1978-26028 | 19780911 |
| FR 2402687 | B1 | 19800905 | | |
| BR 7805897 | A | 19790502 | BR 1978-5897 | 19780911 |
| CA 1111025 | A1 | 19811020 | CA 1978-311074 | 19780911 |
| GB 2003911 | A | 19790321 | GB 1978-36529 | 19780912 |
| GB 2003911 | B | 19820407 | | |
| JP 54050529 | A | 19790420 | JP 1978-111379 | 19780912 |
| JP 60018703 | B | 19850511 | | |
| AU 7839776 | A | 19800320 | AU 1978-39776 | 19780912 |
| CS 196434 | B2 | 19800331 | CS 1978-5876 | 19780912 |
| US 4866162 | A | 19890912 | US 1986-914556 | 19861002 |
| PRIORITY APPLN. INFO.: | | | LU 1977-78115 | A 19770912 |
| | | | US 1978-940687 | A1 19780908 |
| | | | US 1980-179318 | A1 19800818 |
| | | | US 1982-408564 | A1 19820816 |
| | | | US 1984-604803 | A1 19840427 |
| | | | US 1985-728112 | A1 19850429 |

GI



AB Azo reactive dyes (I; R = naphthalene residue; R1 = H, Me; R2 = H, Me, Et;
 Z = coupling component residue) and their metal complexes were prepared and

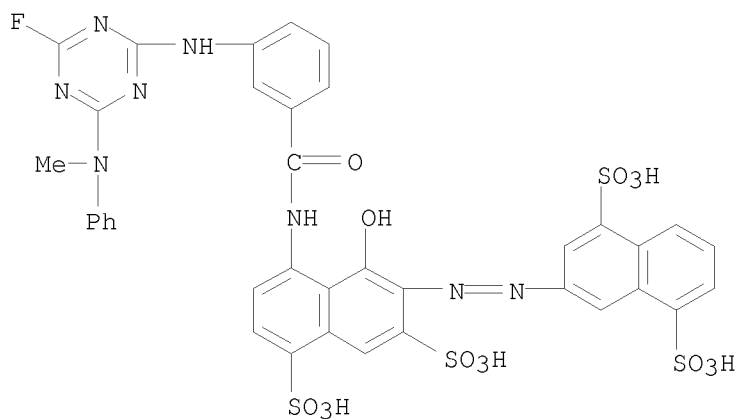
used to dye cellulosic textiles fast yellow to red shades. Thus,
 $1,5,2-(\text{NaO}_3\text{S})_2\text{C}_{10}\text{H}_5\text{NH}_2 \rightarrow 1,3,6-\text{HO}(\text{NaO}_3\text{S})\text{C}_{10}\text{H}_5\text{NH}_2$ [41131-49-1] was
 treated successively with 2,4,6-trifluoro-1,3,5-triazine [675-14-9] and
 MeNPh [100-61-8] to give II [70239-79-1], which dyed cellulose fibers
 reddish orange shades. Other I were similarly prepared

IT 70266-41-0

RL: TEM (Technical or engineered material use); USES (Uses)
 (dye, for cotton, preparation of)

RN 70266-41-0 CAPLUS

CN 1,5-Naphthalenedisulfonic acid, 3-[[8-[[3-[[4-fluoro-6-(methylphenylamino)-
 1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,5-disulfo-2-
 naphthalenyl]azo]- (9CI) (CA INDEX NAME)

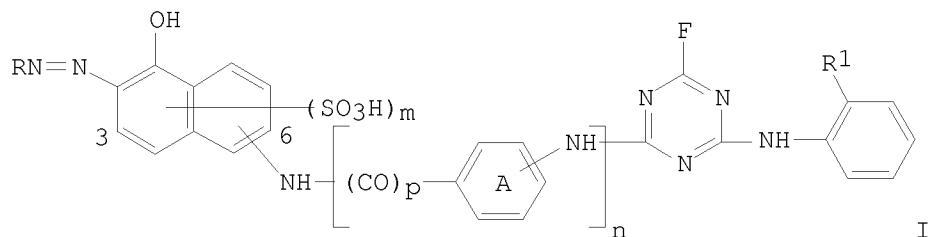


L3 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1978:137887 CAPLUS
DOCUMENT NUMBER: 88:137887
ORIGINAL REFERENCE NO.: 88:21683a,21686a
TITLE: Fiber-reactive azo dyes
INVENTOR(S): Seiler, Herbert; Hegar, Gert
PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.
SOURCE: Ger. Offen., 33 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| DE 2731258 | A1 | 19780119 | DE 1977-2731258 | 19770711 |
| CA 1097621 | A1 | 19810317 | CA 1977-282331 | 19770708 |
| CH 629839 | A5 | 19820514 | CH 1977-8482 | 19770708 |
| BE 856677 | A1 | 19780111 | BE 1977-179232 | 19770711 |
| FR 2358450 | A1 | 19780210 | FR 1977-21340 | 19770711 |
| FR 2358450 | B1 | 19800104 | | |
| JP 53022526 | A | 19780302 | JP 1977-82624 | 19770712 |
| JP 60011066 | B | 19850322 | | |
| CS 191197 | B2 | 19790629 | CS 1977-4643 | 19770712 |
| GB 1566814 | A | 19800508 | GB 1977-29305 | 19770712 |
| PRIORITY APPLN. INFO.: | | | LU 1976-75367 | A 19760712 |
| | | | LU 1977-77492 | A 19770606 |

GI



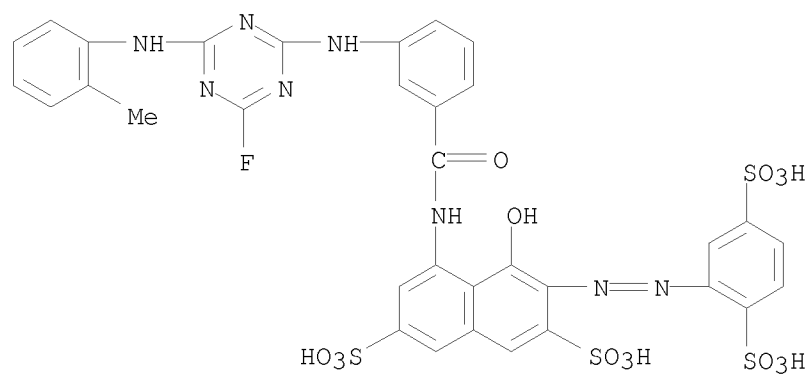
AB Fiber-reactive dyes I(R = benzene, naphthalene residue, optionally substituted; R1 = C1-4 alkyl, alkoxy, CO2H, halogen; A may be substituted; m = 1, 2; n = 0, 1; p = 0, 1) are prepared and used to dye cellulosic fibers fast orange to violet shades. Thus, 3,6,8,2-(NaO3S)3C10H4NH2→1,3,6-HO(NaO3S)C10H5NH2 [65883-18-3] was treated with 2,4,6-trifluoro-1,3,5-triazine [675-14-9], the resulting difluorotriazine derivative condensed without isolation with 1-amino-2-methylbenzene [95-53-4], and salted to give the tetra-Na salt [65883-19-4] of I[R = 3,6,8,2-(HO3S)3C10H4, R1 = Me, n = 0, m = 1 (3-position), NH bond in 6-position].

IT 65883-16-1

RL: TEM (Technical or engineered material use); USES (Uses)
(dye, for cellulosic fibers, preparation of)

RN 65883-16-1 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 3-[(2,5-disulfophenyl)azo]-5-[[3-[[4-fluoro-6-[(2-methylphenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-4-hydroxy-, tetrasodium salt (9CI) (CA INDEX NAME)



●4 Na

L3 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1964:39214 CAPLUS
DOCUMENT NUMBER: 60:39214
ORIGINAL REFERENCE NO.: 60:6959c-e
TITLE: Azo dyes containing active groups
INVENTOR(S): Ischer, Hans; Siegrist, Hans
PATENT ASSIGNEE(S): Sandoz Ltd.
SOURCE: 4 pp.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|----------|
| ----- | ---- | ----- | ----- | ----- |
| CH 370855 | | 19630913 | CH 1958-64114 | 19580919 |
| PRIORITY APPLN. INFO.: | | | CH | 19580919 |

GI For diagram(s), see printed CA Issue.

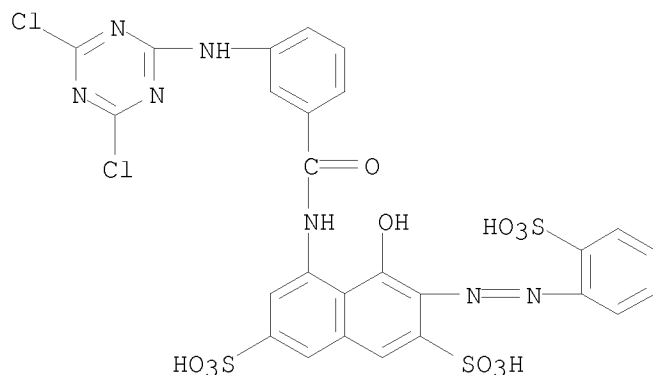
AB Comps. of the general formula I, where R is ClCH₂CO (II) or 4,6-dichloro-s-triazin-2-yl (III) dye wool and synthetic polyamides bright red shades from a weakly acid to neutral bath, and cellulose from a weakly alkaline bath. Thus, 2-HO₃SC₆H₄NH₂ 17.3 was diazotized and coupled with 1-[3-(2-chloroacetamido)benzamido]-8-hydroxy-3,6-naphthalenedisulfonic acid 51.5 in H₂O 400 parts. After bringing the pH to 7.0 with NaHCO₃, II was salted out, filtered, and vacuum-dried at 40-50° to a H₂O-soluble red powder. III was prepared similarly.

IT 101919-11-3P, 2,7-Naphthalenedisulfonic acid, 5-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-4-hydroxy-3-[(o-sulfophenyl)azo]-
RL: PREP (Preparation)

(preparation of)

RN 101919-11-3 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 5-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-4-hydroxy-3-[(o-sulfophenyl)azo]- (7CI) (CA INDEX NAME)



L3 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1962:456784 CAPLUS
DOCUMENT NUMBER: 57:56784
ORIGINAL REFERENCE NO.: 57:11345b-d
TITLE: Triazinyl azo dyes
INVENTOR(S): Stephen, William E.
PATENT ASSIGNEE(S): Imperial Chemical Industries Ltd.
SOURCE: 4 pp.
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|----------|
| ----- | ---- | ----- | ----- | ----- |
| US 3004022 | | 19611010 | US 1958-709453 | 19580117 |
| PRIORITY APPLN. INFO.: | | | GB | 19570123 |

GI For diagram(s), see printed CA Issue.

AB Triazinyl azo dyes for the production of fast red colors on textile materials were prepared Cyanuric chloride 18.6 was condensed with 1-(3-aminobenzamido)-8-naphthol-3,6-disulfonic acid di-Na salt 48.2 and treated with diazotized 2-H₂NC₆H₄SO₃H 16.45 parts to give the dye (Ia), containing 1.88 organic bound Cl atoms for each azo group. Cotton padded with aqueous Ia, dried, passed through 1% aqueous NaOH saturated with salt, and steamed 1

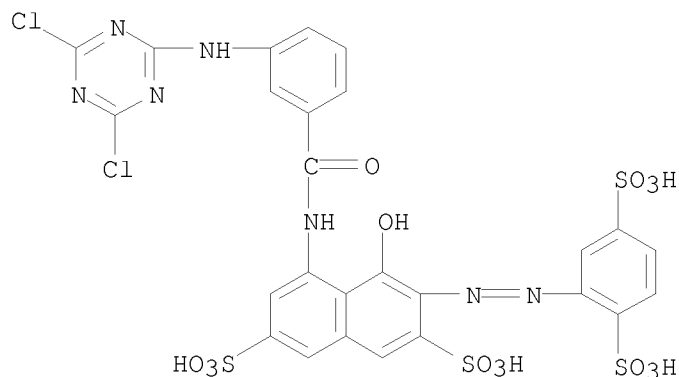
hr. was dyed bluish red color of good fastness to severe washing and to light. Similarly were prepared I (A, A', X, Y, and R given): SO₃H, H, SO₃H, H, H; SO₃H, H, Cl, Me, H; SO₃H, H, H, H, Bu; H, SO₃H, H, H, H, and the p-triazinyl analog of Ia, which dyed cotton in bluish red, bluish red. reddish orange, yellowish red, and yellowish red shades, resp.

IT 101919-09-9P, 2,7-Naphthalenedisulfonic acid, 5-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-3-[(2,5-disulfophenyl)azo]-4-hydroxy-101919-11-3P, 2,7-Naphthalenedisulfonic acid, 5-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-4-hydroxy-3-[(o-sulfophenyl)azo]-101942-07-8P, 1,7-Naphthalenedisulfonic acid, 4-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-5-hydroxy-6-[(o-sulfophenyl)azo]-102290-81-3P, 2,7-Naphthalenedisulfonic acid, 3-[(5-chloro-2-sulfo-p-tolyl)azo]-5-[m[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-4-hydroxy-106866-67-5P, 2,7-Naphthalenedisulfonic acid, 5-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-4-hydroxy-3-[(1-sulfo-2-naphthyl)azo]-RL: PREP (Preparation)

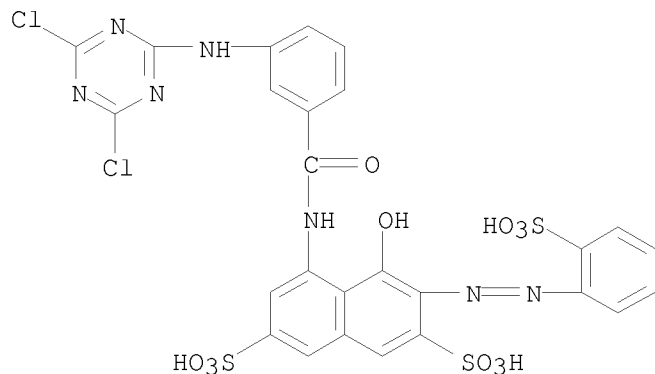
(preparation of)

RN 101919-09-9 CAPLUS

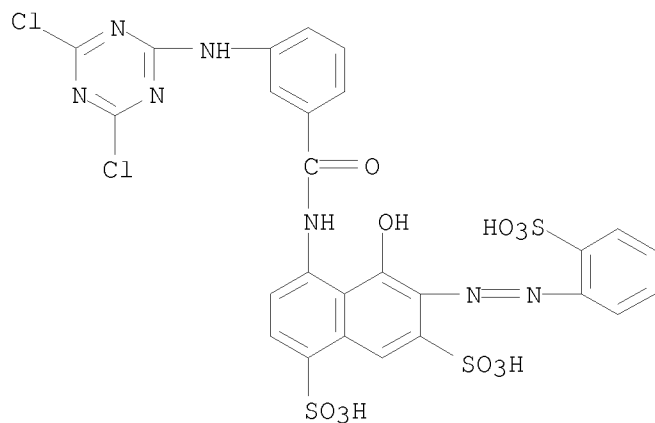
CN 2,7-Naphthalenedisulfonic acid, 5-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-3-[(2,5-disulfophenyl)azo]-4-hydroxy- (7CI) (CA INDEX NAME)



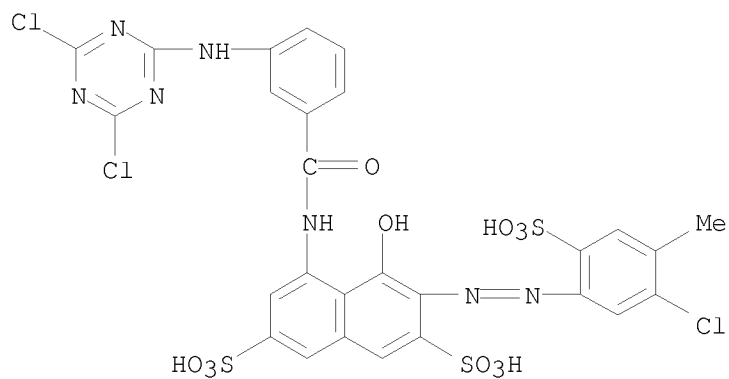
RN 101919-11-3 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 5-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-4-hydroxy-3-[(o-sulfophenyl)azo]- (7CI) (CA INDEX NAME)



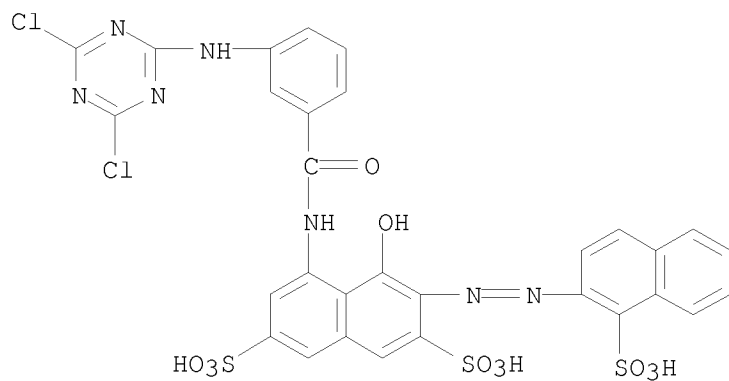
RN 101942-07-8 CAPLUS
 CN 1,7-Naphthalenedisulfonic acid, 4-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-5-hydroxy-6-[(o-sulfophenyl)azo]- (7CI) (CA INDEX NAME)



RN 102290-81-3 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 3-[(5-chloro-2-sulfo-p-tolyl)azo]-5-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-4-hydroxy- (7CI) (CA INDEX NAME)



RN 106866-67-5 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 5-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-4-hydroxy-3-[(1-sulfo-2-naphthyl)azo]- (7CI) (CA INDEX NAME)

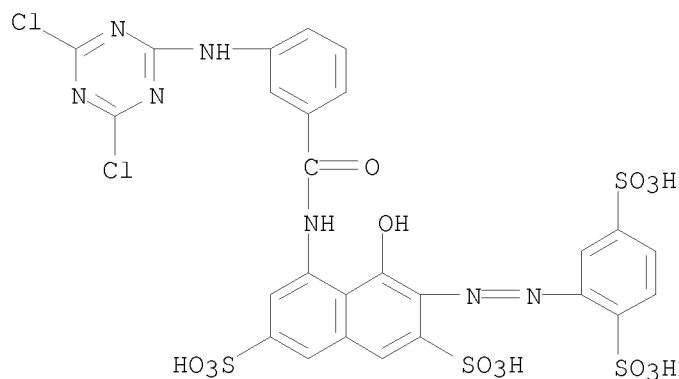


ACCESSION NUMBER: 1960:94503 CAPLUS
 DOCUMENT NUMBER: 54:94503
 ORIGINAL REFERENCE NO.: 54:17895a-e
 TITLE: Monoazo triazine dyes
 INVENTOR(S): Stephen, Wm. E.
 PATENT ASSIGNEE(S): Imperial Chemical Industries Ltd.
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|----------|
| ----- | ---- | ----- | ----- | ----- |
| GB 829042 | | 19600224 | GB 1957-2412 | 19570123 |
| DE 1081988 | | | DE | |

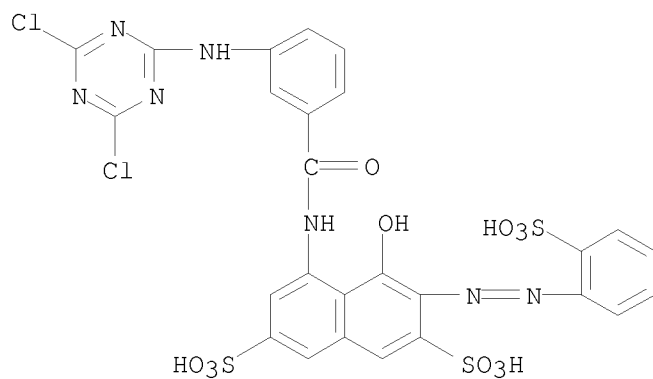
GI For diagram(s), see printed CA Issue.
 AB Dyes of structure 1,2,8-HO(AN:N)[N:C(X).N:C(X).N:CNHQC(:O)N(R)]C10H5, in which A is aryl and which may be substituted, R is H or a small n-alkyl group, Q is m- or p-phenylene which may be substituted with Me, and X is halogen, are useful for coloring silk, wool, regenerated protein and cellulose from aqueous solns. containing a basic material to give fast level red shades of good wash-and light-fastness. Cyanuric chloride (I) (18.6 parts) in 100 parts acetone is suspended in a solution of 200 parts H₂O, 300 parts ice and 2 parts 2N HCl, the suspension treated over 40 min. with a solution of 48.2 parts di-Na 1-(3-aminobenzamido)-8-naphthol-3,6-disulfonate (II) in 240 parts H₂O made alkaline to Brilliant Yellow paper with Na₂CO₃ at 0-5°, the mixture stirred 2-3 hrs. until no I is present, the suspension treated with 16.45 parts diazotized aniline-2-sulfonic acid (III), the mixture stirred at 0-5°, Na₂CO₃ added to bring the pH to 5, NaCl added at the rate of 15 lbs./10 gal. mixture, addnl. Na₂CO₃ added over 2 hrs. to bring the pH to 7.5, the mixture treated with a solution of 7.0 parts Na₂HPO₄ and 12.5 parts KH₂PO₄ in 100 parts H₂O, stirred 30 min., filtered, and the residue dried to give a dye containing 1.88 organic bound Cl atoms/azo group. The dye colors cotton bright bluish red. Replacement of III with 24.0 parts aniline-2,5-disulfonic acid and using 20 lb. NaCl/10 gal. gives a dye containing 2.0 organic Cl atoms which dyes in slightly yellower shades. Replacement of II with 48.2 parts di-Na 1-(4-aminobenzamido)-8-naphthol-3,6-disulfonate gives a dye containing 1.9 organic Cl atoms which colors cotton bright bluish red. Use of 48.2 parts di-Na 1-(3-aminobenzamido)-8-naphthol-4,6-disulfonate in place of II gives a dye containing 2 Cl atoms which colors cotton yellower shades. I (19 parts), 48.2 parts II, and 21.05 parts diazotized 5-chloro-4-methylaniline-2-sulfonic acid give a dye containing 1.96 Cl atoms and which dyes cotton bright bluish red. I (18.6 parts) and 73.4 parts of the tri-Na salt of the dye formed by coupling diazotized III with 1-(3-amino-N-butylbenzamido)-8-naphthol-3,6-disulfonic acid give a dye containing 2.0 Cl atoms which colors cotton reddish orange.
 IT 101919-09-9P, 1-Naphthol-3,6-disulfonic acid, 8-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-2-(2,5-disulfophenylazo)-
 101919-11-3P, 1-Naphthol-3,6-disulfonic acid, 8-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-2-(o-sulfophenylazo)- 101942-07-8P
 , 1-Naphthol-3,5-disulfonic acid, 8-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-2-(o-sulfophenylazo)- 102290-81-3P,
 1-Naphthol-3,6-disulfonic acid, 2-(3-chloro-6-sulfo-p-tolylazo)-8-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-
 RL: PREP (Preparation)
 (preparation of)
 RN 101919-09-9 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 5-[m-[(4,6-dichloro-s-triazin-2-

yl)amino]benzamido]-3-[(2,5-disulfophenyl)azo]-4-hydroxy- (7CI) (CA INDEX NAME)



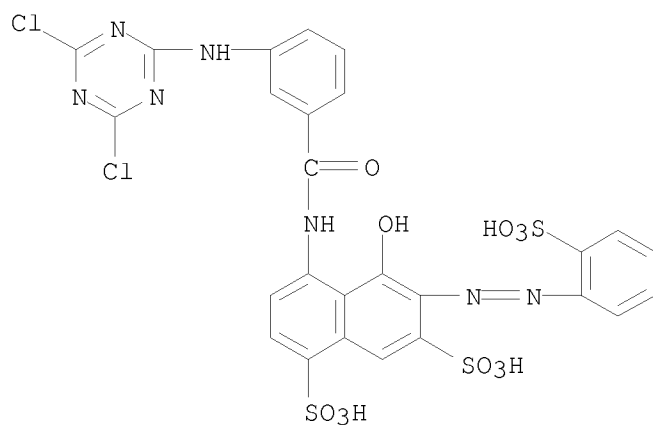
RN 101919-11-3 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 5-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-4-hydroxy-3-[(o-sulfophenyl)azo]- (7CI) (CA INDEX NAME)

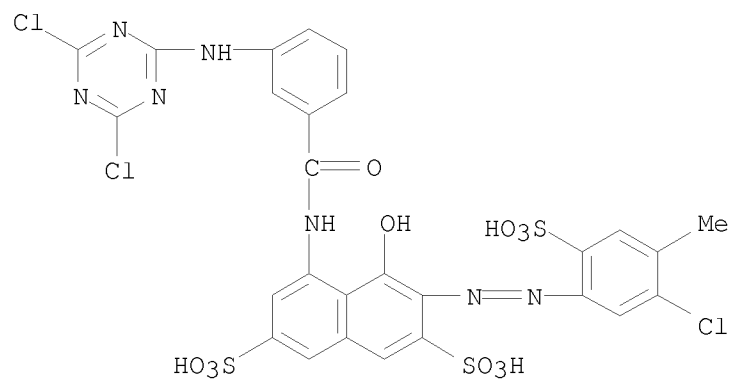


RN 101942-07-8 CAPLUS

CN 1,7-Naphthalenedisulfonic acid, 4-[m-[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-5-hydroxy-6-[(o-sulfophenyl)azo]- (7CI) (CA INDEX NAME)



RN 102290-81-3 CAPLUS
CN 2,7-Naphthalenedisulfonic acid, 3-[(5-chloro-2-sulfo-p-tolyl)azo]-5-[m-
[(4,6-dichloro-s-triazin-2-yl)amino]benzamido]-4-hydroxy- (7CI) (CA INDEX
NAME)



=> d his

(FILE 'HOME' ENTERED AT 11:40:20 ON 03 SEP 2008)

FILE 'REGISTRY' ENTERED AT 11:40:37 ON 03 SEP 2008

L1 STRUCTURE UPLOADED

L2 153 S L1 FULL

FILE 'CAPLUS' ENTERED AT 11:41:13 ON 03 SEP 2008

L3 12 S L2 FULL

=> logy

LOGY IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> y

Y IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

72.60

251.17

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-9.60

-9.60

STN INTERNATIONAL LOGOFF AT 11:50:21 ON 03 SEP 2008